(cover page)

Lolo Trail National Historic Landmark Comprehensive Research Maps 2017

Summary:
Lolo Trail NHL Comprehensive Research Maps 2017 V01.pdf.wpd

P:\HISTORICAL TRAILS RESEARCH REPORTS\0006-Lolo Trail NHL Comprehensive Research Maps 2017\Map Key (Index)\Map Key (Index).wpd

P:\+00-URGENT-PROJECTS\LOLO-TRAIL-HISTORY\06-ARCVIEW-Project-Files-apr\LOLO-TRAIL-NHL-FINAL-V27-2017-08-16B.apr

LOLO TRAIL NATIONAL HISTORIC LANDMARK
Comprehensive Research Maps 2017

Lolo Trail NHL Comprehensive Research Maps 2017 V04

The following 8 pages document the map key for the research map series contained in this report. The maps were made using Arcview 3.2 and data from GPS surveys and several years of reading old journals and hiking all these historical trails.

Please use the Bookmark panel to the left to access the detailed map location for each item.

These maps are the culmination of thirty-one years of research on the Lolo Trail National Historic Landmark. I did many summers of primitive camping and hiking to access all the trails in this report and I used precision GPS instruments to record the exact locations of these trail treads. I have hiked all the trails indicated on these maps, some of them many times. The trail traces from government data are not precision results because their maps were made without the aid of precision topograph maps and GPS.

This document may contain sensitive historical preservation information and I implore the reader to carefully preserve its historical nature and artifacts. This document is meant to be used by all of the state and federal agencies that have a connection to the Lolo Trail National Historic Landmark.

Steve F. Russell, PhD, PE
Ames, Iowa
2017

Temporary points.shp

Reference-Points(600,000:1).shp

Map-navigation-(80,000:1)shp

MAJOR TRAILS

NORTHERN NEZ PERCE TRAI L1805-1831

LEWIS & CLARK NATIONAL HISTORIC TRAIL 1805-06

BIRD-TRUAX TRAIL 1866

NEZ PERCE NATIONAL HISTORIC TRAIL 1877

FOREST SERVICE LOLO TRAIL 1911

FOREST SERVICE TRAILS 1934

OTHER TRAILS - LOLO TRAIL NHL

LOLO MOTORWAY 1936

NEE-MEE-POO ADVENTURE TRAIL 2011

********** MILEAGE LABELS **********

Nnt-miles.shp

Mileage markers for the Northern Nez Perces Trail 1877

Nnt-miles-labels.shp

Mileage labels for the Northern Nez Perces Trail 1877

Btt-miles.shp

Btt-miles-labels.shp

Nez Perce NHT Miles

Nez Perce NHT labels

**Mileage labels for the Northern Nez Perces Trail 1877

Lolo-motorway-miles.shp

Lolo-Motorway-Mileage-Labels

******NICHOLSON BTT SURVEY RECORDS******

Nicholson-Points-Map-L&C

Reference points for the George Benson Nicholson survey for the Bird-Truax Trail 1866

Nicholson-btt-survey-records.shp

Nicholson-btt-survey-labels.shp

Nicholson-Points-Map-L&C-Labels

CAMPSITES, LAND MARKS & LABELS

L&C-Campsites-FINAL-2013-11-25.shp

Location of the campsites for the Corps of Discovery, led by Lewis & Clark

L&C Campsite Labels

Campsite labels for the Corps of Discovery, led by Lewis & Clark

L&C Campsites, Bergantino-Montana-Idaho.shp

John-work-campsites.shp

Location of the campsites for the Hudson's Bay fur brigade over the Lolo Trail, led by John Work (Wark) 1831

John-Work-Campsite-Labels

Campsite Labels for the Hudson's Bay fur brigade over the Lolo Trail, led by John Work (Wark) 1831

L&C-Landmarks.shp

Landmark location for the Corps of Discovery, led by Lewis & Clark

L&C-Lamdmark-Labels

Landmark labels for the Corps of Discovery, led by Lewis & Clark

John-mullan-campsites.shp

Location of the campsites for the railroad survey of ??, under the command of Captain John Mullan 1854

John-Mullan-Campsite-Labels

Campsite Labels for the railroad survey of 1854, under the command of Captain John Mullan

Gen-O-O-Howard-campsites.shp

Location of the military campsites for the 1877 Nez Perce War, under the command of General O. O. Howard

Gen-O-O-Howard-Campsite-Labels

Labels for the military campsites for the 1877 Nez Perce War, under the command of General O. O. Howard

Campsites-miscellaneous.shp

Campsites-Miscellaneous-Labels

Sfr-camps-01.shp

Location of the campsites of Steve F. Russell, PhD, PE, during his research on the Lolo Trail NHL

Sfr-camp-labels-01.shp

Labels for the campsites of Steve F. Russell, PhD, PE, during his research on the Lolo Trail NHL

Lolo-trail-landmarks.shp

Location of Lolo Trail landmarks

Lolo-Trail-Landmarks-Labels

Lolo Trail landmark labels

Water-creek-spring.shp

Location of water sources on the Lolo Trail NHL

Water-creek-spring-labels

Labels for the water sources on the Lolo Trail NHL

- [x] Aborigional-trail.shp

- [x] Aborigional-Trail-Labels

- [x] Map-notes-lolo-trail.shp

- [ ] *****NORTHERN NEZ PERCES TRAIL*****
- [x] Northern Nez Perces Trail 1805-1831 (Master)

- [ ] Nnt-1805-06-master.shp

- [ ] Nnt-1831-master.shp

- [ ] Nnt-alternate-tread-(master).shp

- [ ] **Nez-perce-salish-fishing-trail-master-01.shp

- [ ] *****LEWIS AND CLARK NHT*****
- [x] Lewis&Clark-NHT-FINAL.shp

- [x] L&C-Alternate-Tread-FINAL

- [ ] L&C-Precision-Survey-2009-04-06-FINAL.shp

- [ ] *****BIRD-TRUAX TRAIL 1866*****
- [x] Bird-truax-trail-(master).shp

- [ ] Btt-12xl-survey-master.shp

- [ ] Btt-precision-gps-survey.shp

- [ ] Btt-cordist-survey-2009.shp

- [ ] Btt-unsurveyed-2009.shp

- [ ] ****** NEZ PERCE NATIONAL HISTORIC TRAIL ******
- [ ] Nez-perce-nht-(master).shp

- [ ] ****** EXPEDITION TRAILS ******
- [ ] John-work-llt-1831-(master).shp

- [ ] John-mullan-1854-(master).shp

- [ ] Nicholson-profile-map-1866-(master).shp

- [x] Steve-russell-exlporatory-hiking.shp

- [ ] ****** US FOREST SERVICE TRAILS ******
- [x] Usfs-lolo-trail-1911-(master).shp

- [x] **USFS-Lolo-trail-forest-service-1934-master-01.shp

- [x] **Other-trails-lolo-trail-nhl-master-01.shp

- [x] **Nee-mee-poo-adventure-trail-master-01.shp

- [x] Trail-to-oro-fino.shp

- [x] Stock Driveway 1930

****** ROADS ******

**MOTORWAY-Lolo-motorway-1936-master-01.shp

Lolo-motorway-1990-master.shp

Other-roads.shp

CAMPSITE AREAS & CABINS

Campsites-and-cabins.shp

Cabins-only.shp

L&c-campsites-polygons.shp

Other-camp-landmark-polygons.shp

Nicholson-campsite-recommendations.shp

***** IDAHO SHPO NHL & 1990 DATA*****

Idaho-shpo-nat-reg-1988 labels.shp

IDAHO-SHPO-NATONAL-REGISTER-1988.shp

Idaho-shs ref-no 941.shp

Idaho-shpo 1990 official.shp

- [ ] Idaho-shpo 1990 official.shp

- [ ] >>>>

********** Other GIS Data **********

Creek-location-corrections.shp

Nicholson-recon-trail.shp

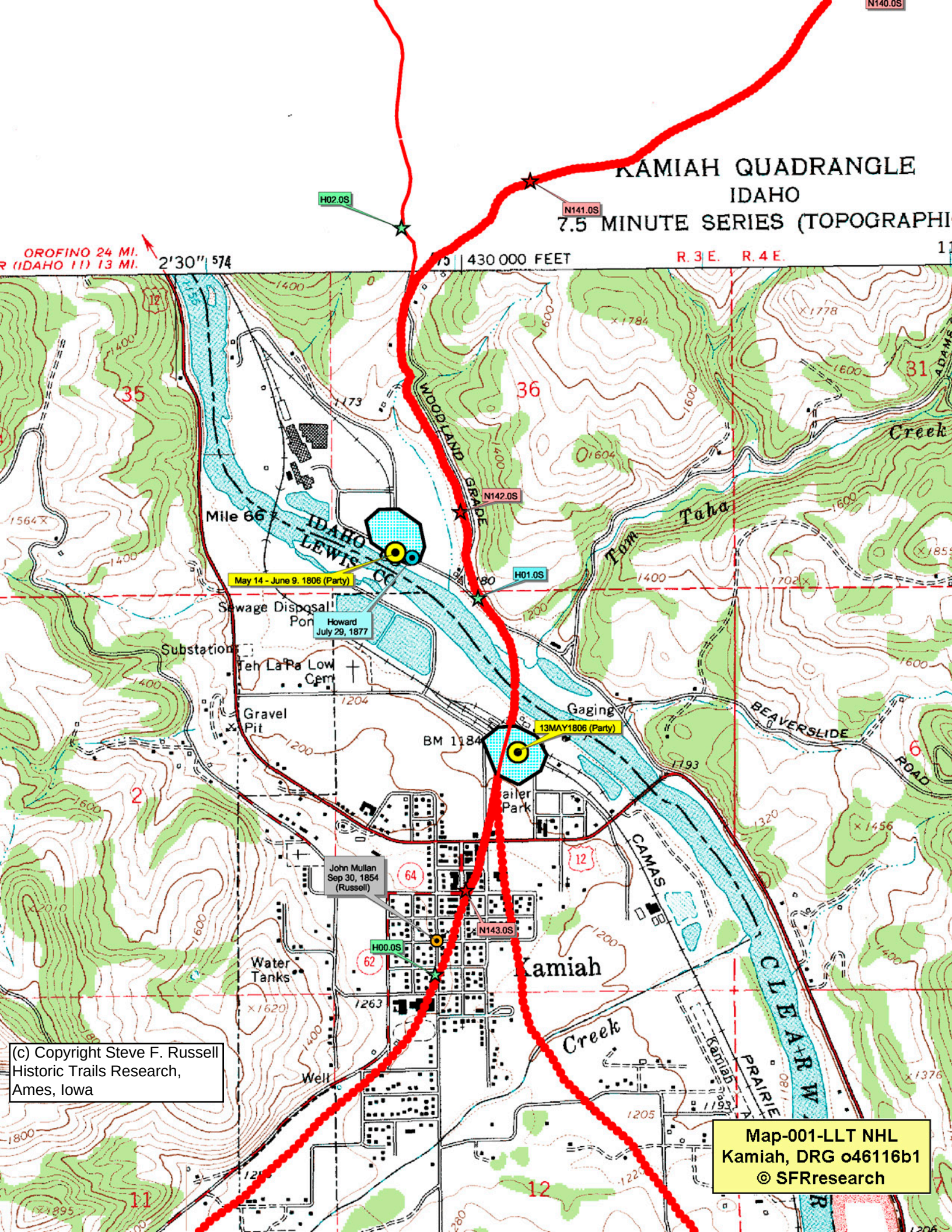
Lolo-trail-montana-nicholson-l&c-master-01.shp

Lolo-trail-nicholson-points-master-01.shp

Nicholson-reconnasiance-trails-04.shp

Lolo Trail National Historic Landmark
Comprehensive Research Maps 2017

Kamiah to Weippe Prairie



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Map-001-LLT NHL
Kamiah, DRG o46116b1
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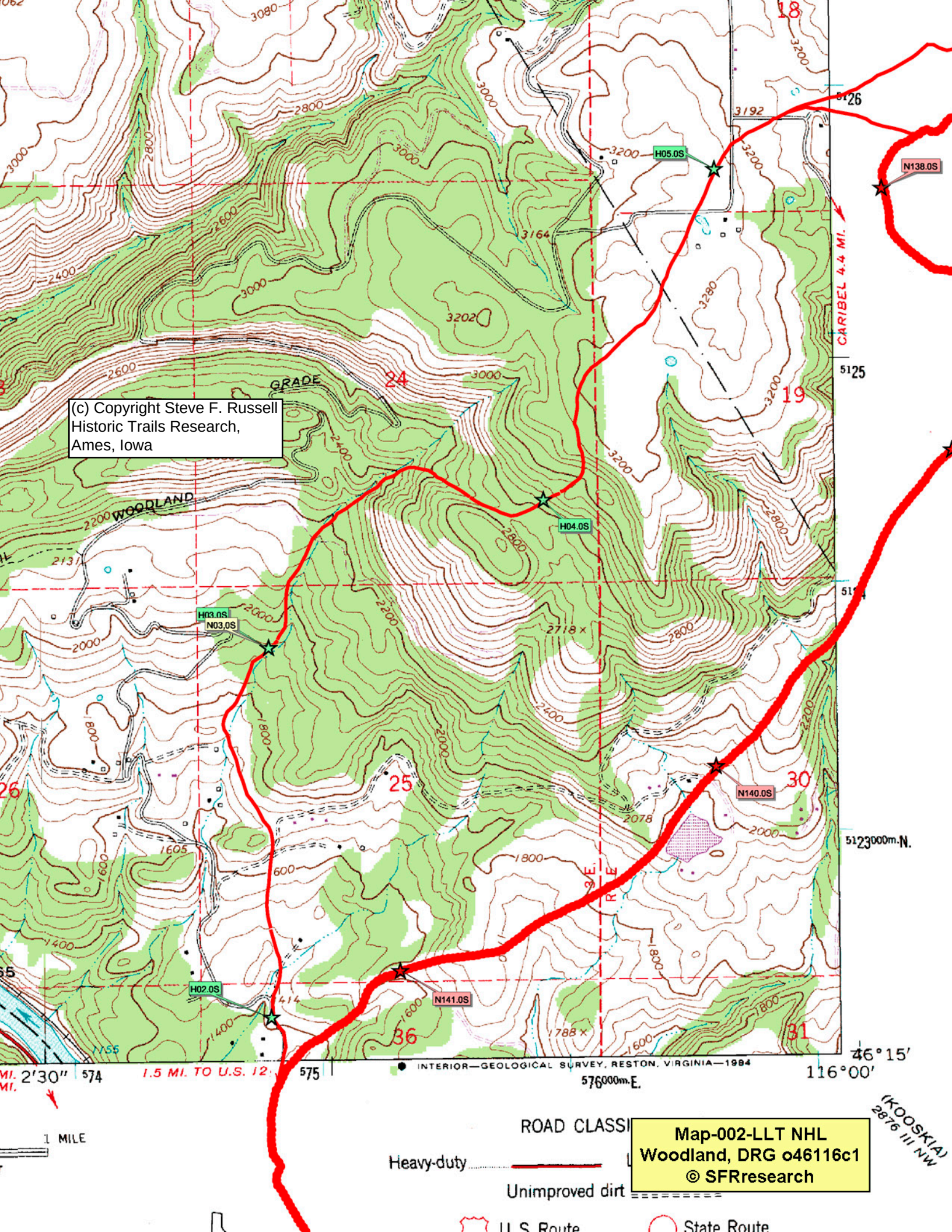
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Historic Trails Research,
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H05.0S
N138.0S
H04.0S
H03.0S
N03.0S
N140.0S
H02.0S
N141.0S
CARIBEL 4.4 MI.
1.5 MI. TO U.S. 12
WOODLAND
GRADE
INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1984
ROAD CLASSI
Heavy-duty
Unimproved dirt
U.S. Route
State Route
1 MILE
Map-002-LLT NHL
Woodland, DRG o46116c1
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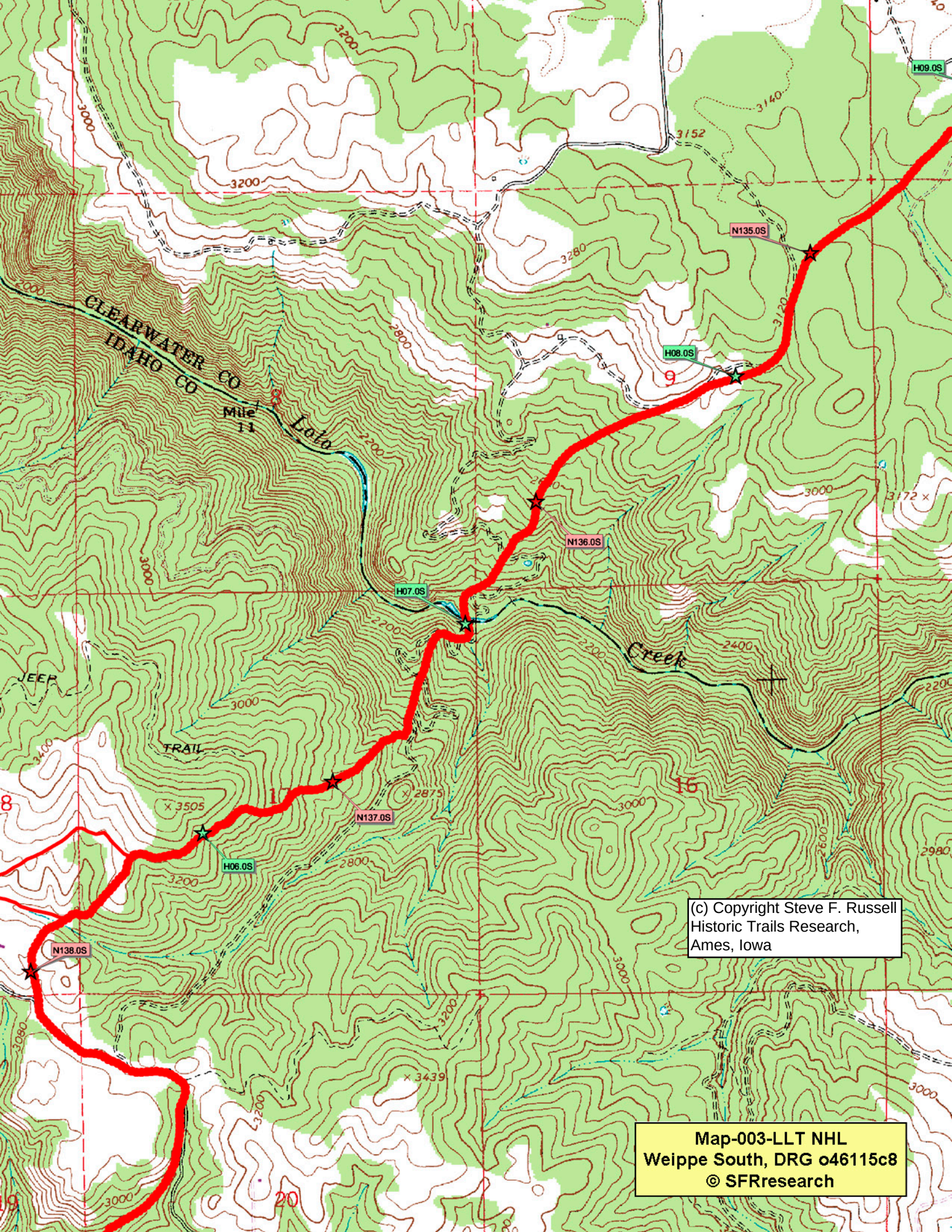
H09.0S
N135.0S
H08.0S
N136.0S
H07.0S
N137.0S
H06.0S
N138.0S
CLEARWATER CO
IDAHO CO
Mile 11
Lolo
Creek
JEEP
TRAIL
3200
3000
3140
3152
3280
2800
2200
3120
3172
2400
3505
2875
3439
2980
2600
3400
3080
9
16
17
20
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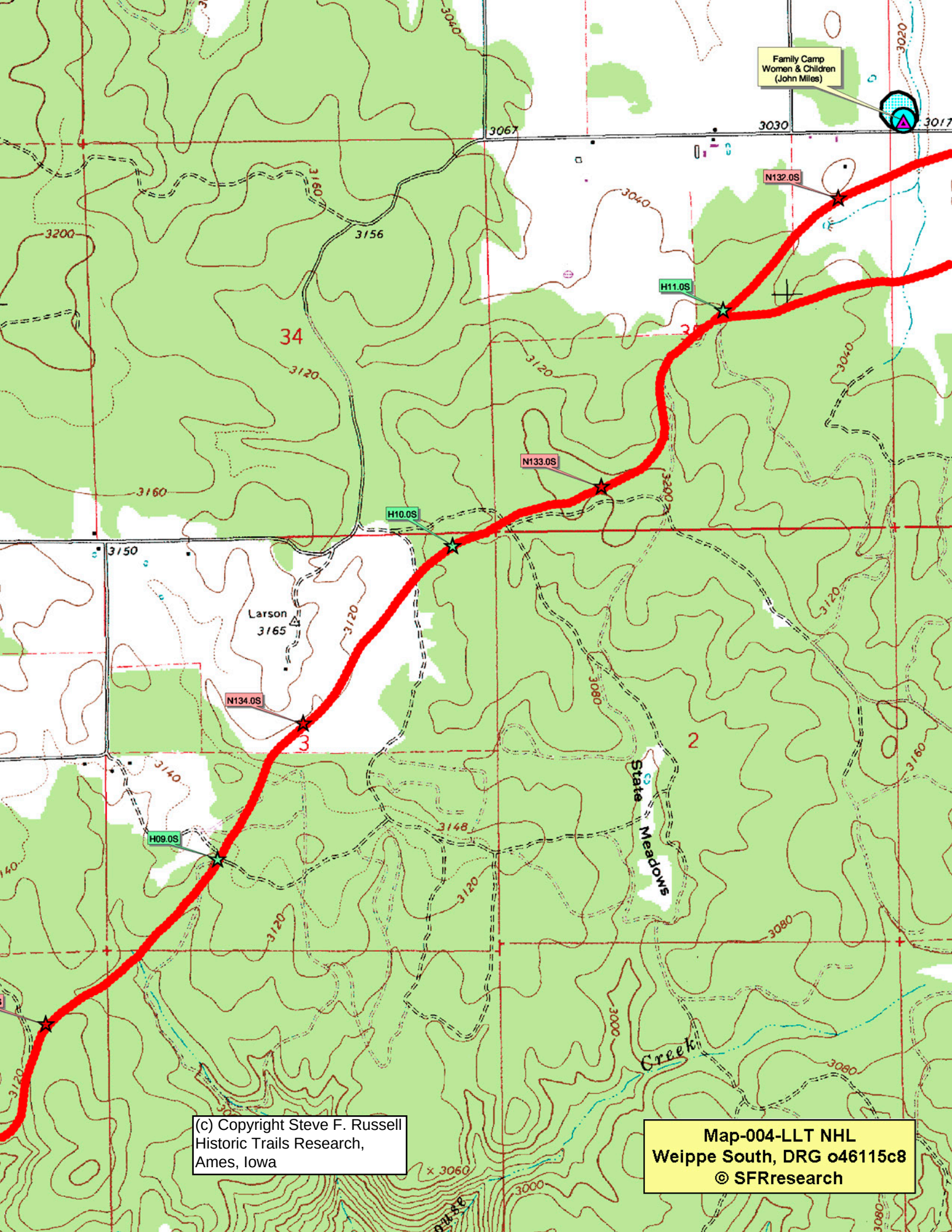

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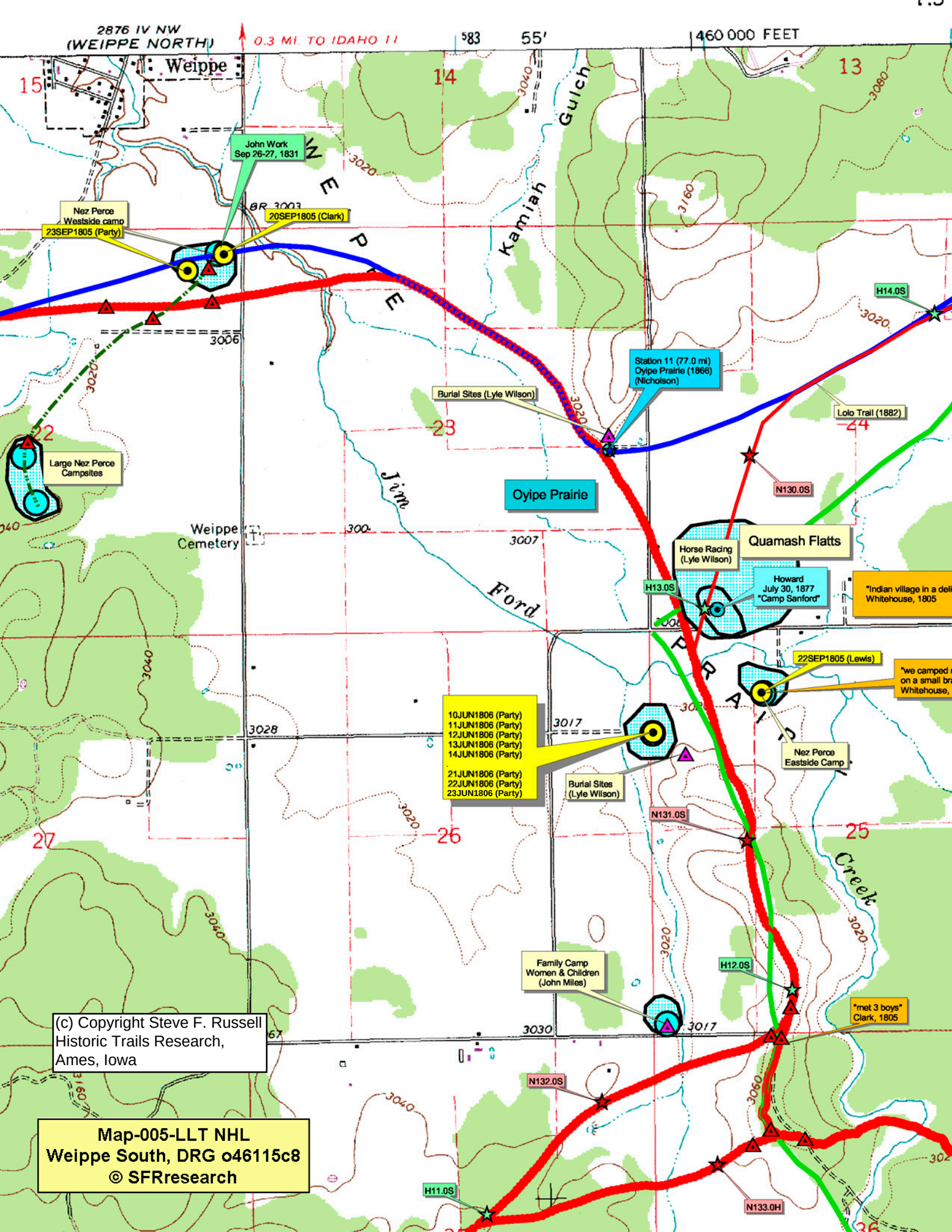

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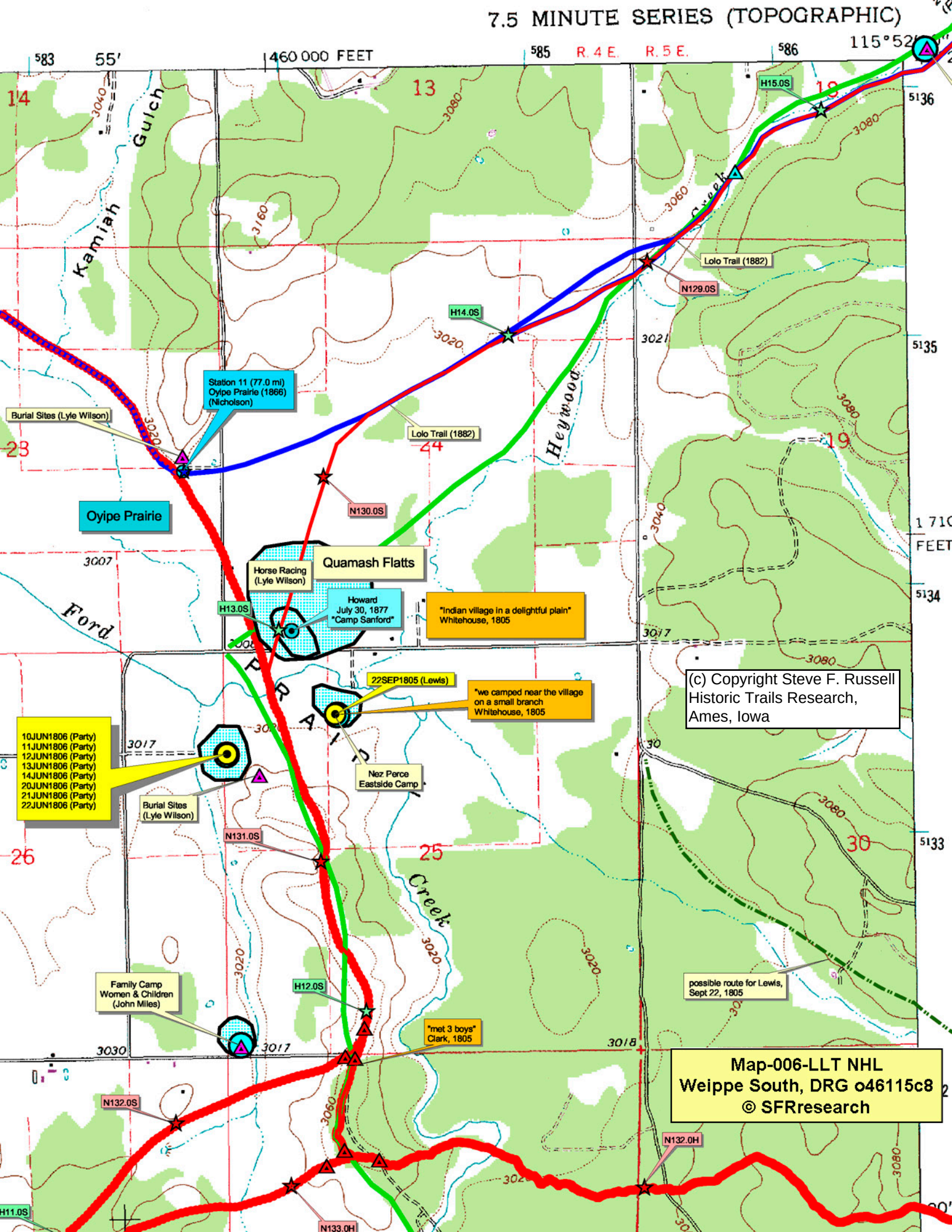
Lolo Trail National Historic Landmark Comprehensive Research Maps 2017

Weippe Prairie to Willow Ridge Via Hungery Creek


7.5 MINUTE SERIES (TOPOGRAPHIC)
460 000 FEET
R. 4 E.
R. 5 E.
115°52'
Kamiah Gulch
Heywood Creek
Ford Creek
Lolo Trail (1882)
N129.0S
H14.0S
Station 11 (77.0 mi)
Oyipe Prairie (1866)
(Nicholson)
Burial Sites (Lyle Wilson)
Lolo Trail (1882)
N130.0S
Oyipe Prairie
Quamash Flatts
Horse Racing
(Lyle Wilson)
H13.0S
Howard
July 30, 1877
"Camp Sanford"
"Indian village in a delightful plain"
Whitehouse, 1805
22SEP1805 (Lewis)
"we camped near the village
on a small branch
Whitehouse, 1805
10JUN1806 (Party)
11JUN1806 (Party)
12JUN1806 (Party)
13JUN1806 (Party)
14JUN1806 (Party)
20JUN1806 (Party)
21JUN1806 (Party)
22JUN1806 (Party)
Nez Perce
Eastside Camp
Burial Sites
(Lyle Wilson)
N131.0S
Family Camp
Women & Children
(John Miles)
H12.0S
"met 3 boys"
Clark, 1805
possible route for Lewis,
Sept 22, 1805
N132.0S
N132.0H
H11.0S
N133.0H
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Map-006-LLT NHL
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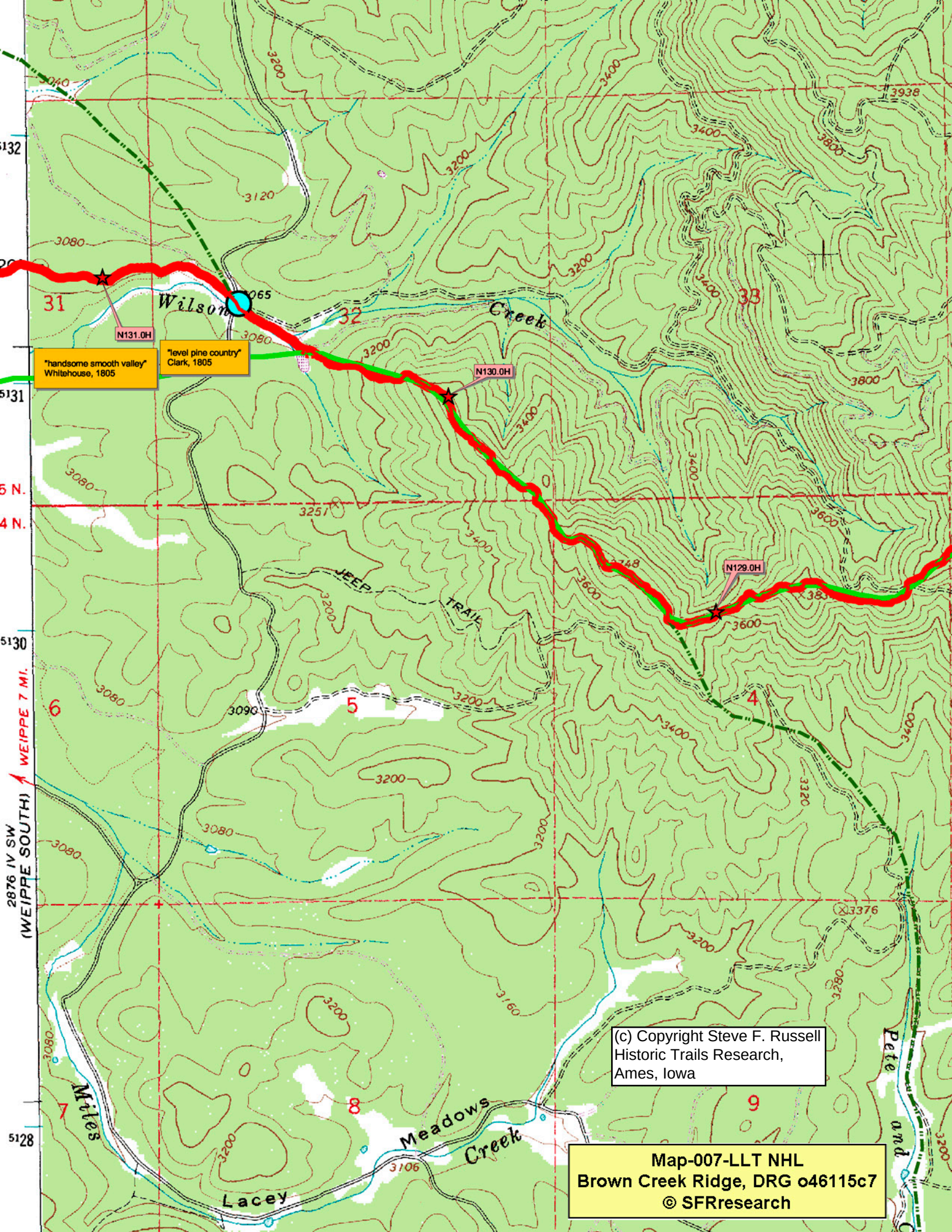
N131.0H
"handsome smooth valley"
Whitehouse, 1805
"level pine country"
Clark, 1805
N130.0H
N129.0H
Wilson
Creek
JEEP TRAIL
WEIPPE 7 MI.
2876 IV SW
(WEIPPE SOUTH)
Miles
Meadows
Creek
Lacey
Pete
and
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Map-007-LLT NHL
Brown Creek Ridge, DRG o46115c7
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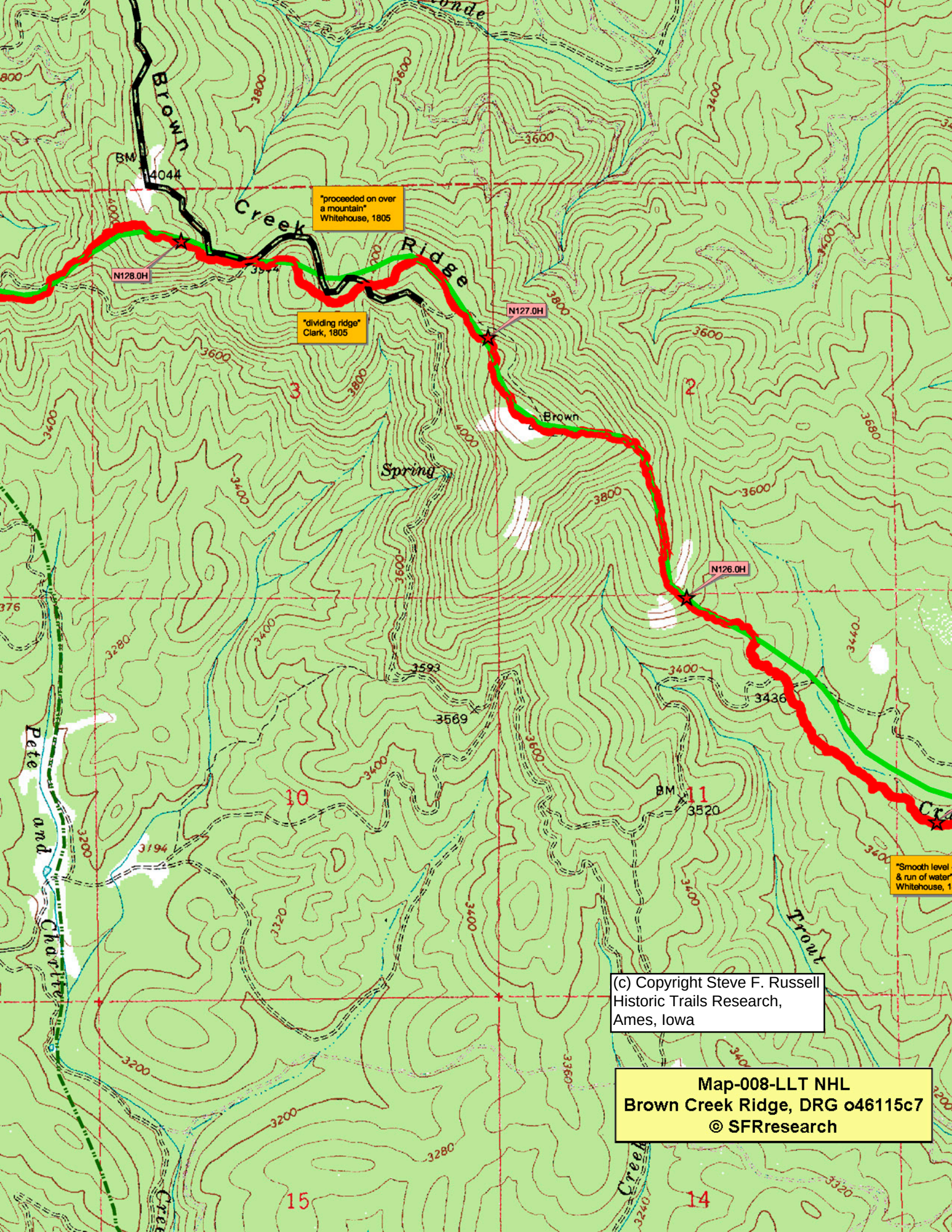
"proceeded on over a mountain" Whitehouse, 1805
"dividing ridge" Clark, 1805
N128.0H
N127.0H
N126.0H
Brown Creek Ridge
Brown Spring
BM 4044
3914
3593
3569
3436
BM 3520
3194
Pete and Charlie Creek
Trout
"Smooth level & run of water" Whitehouse, 1
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Map-008-LLT NHL
Brown Creek Ridge, DRG o46115c7
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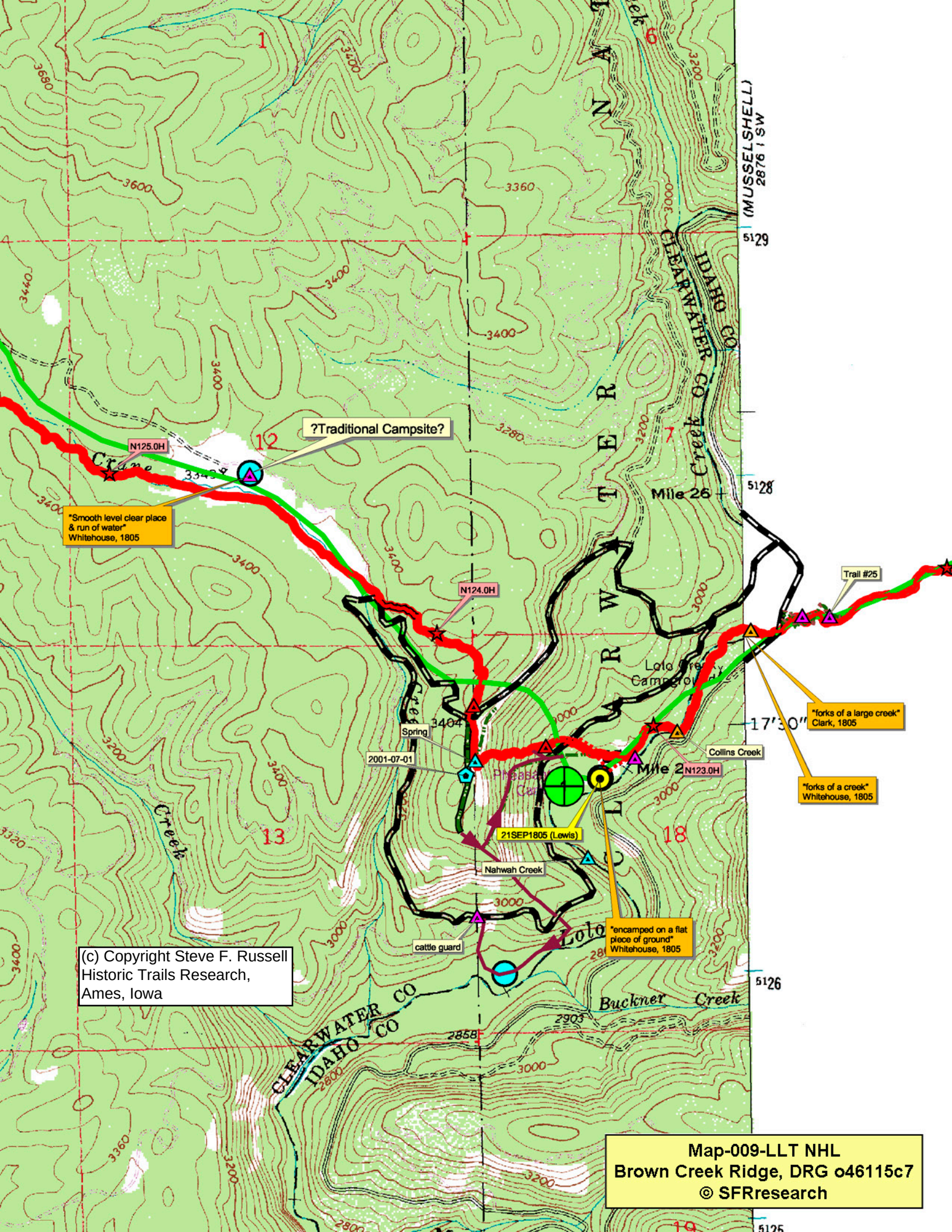
?Traditional Campsite?
N125.0H
"Smooth level clear place & run of water" Whitehouse, 1805
N124.0H
Trail #25
"forks of a large creek" Clark, 1805
"forks of a creek" Whitehouse, 1805
Collins Creek
N123.0H
Mile 26
Mile 2
Spring
2001-07-01
21SEP1805 (Lewis)
Nahwah Creek
cattle guard
"encamped on a flat piece of ground" Whitehouse, 1805
Lolo Creek
Buckner Creek
CLEARWATER CO
IDAHO CO
(MUSSELSHELL)
5129
5128
5126
5125
17'30"
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Map-009-LLT NHL
Brown Creek Ridge, DRG o46115c7
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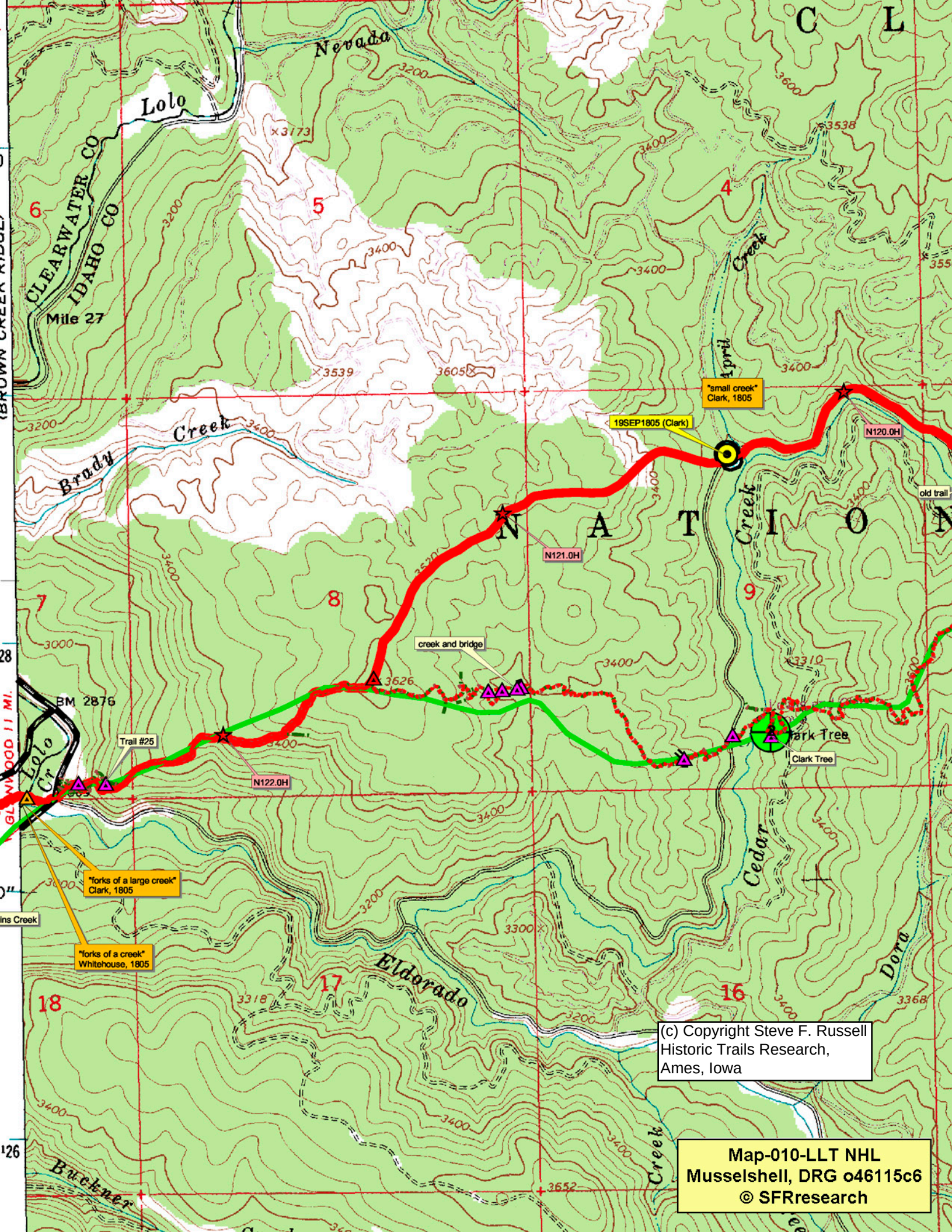
"small creek"
Clark, 1805
19SEP1805 (Clark)
N120.0H
N121.0H
N122.0H
creek and bridge
Trail #25
Clark Tree
"forks of a large creek"
Clark, 1805
"forks of a creek"
Whitehouse, 1805
Lolo
Nevada
Brady Creek
Cedar
Eldorado
Dora
CLEARWATER CO
IDAHO CO
Mile 27
BM 2876
N A T I O
(c) Copyright Steve F. Russell
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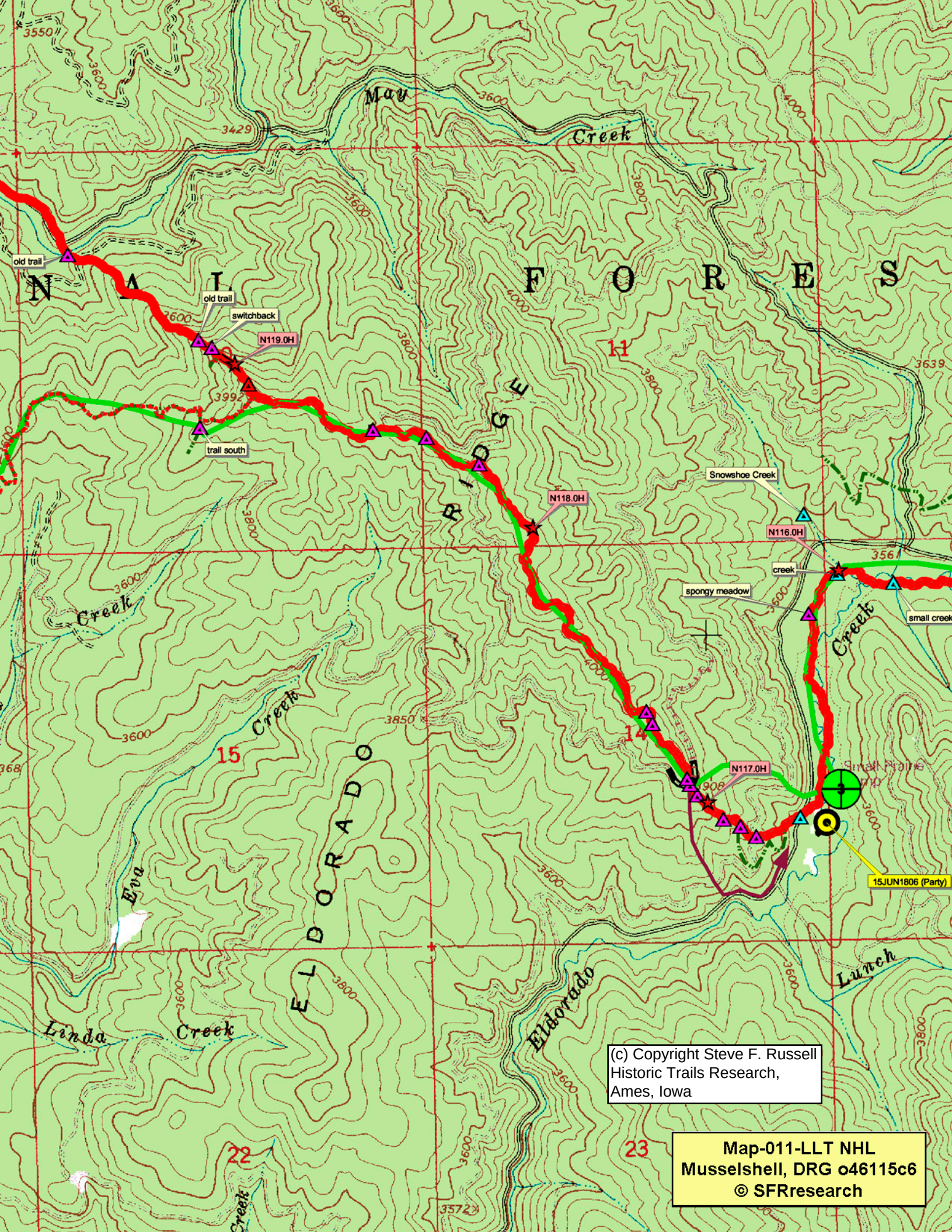

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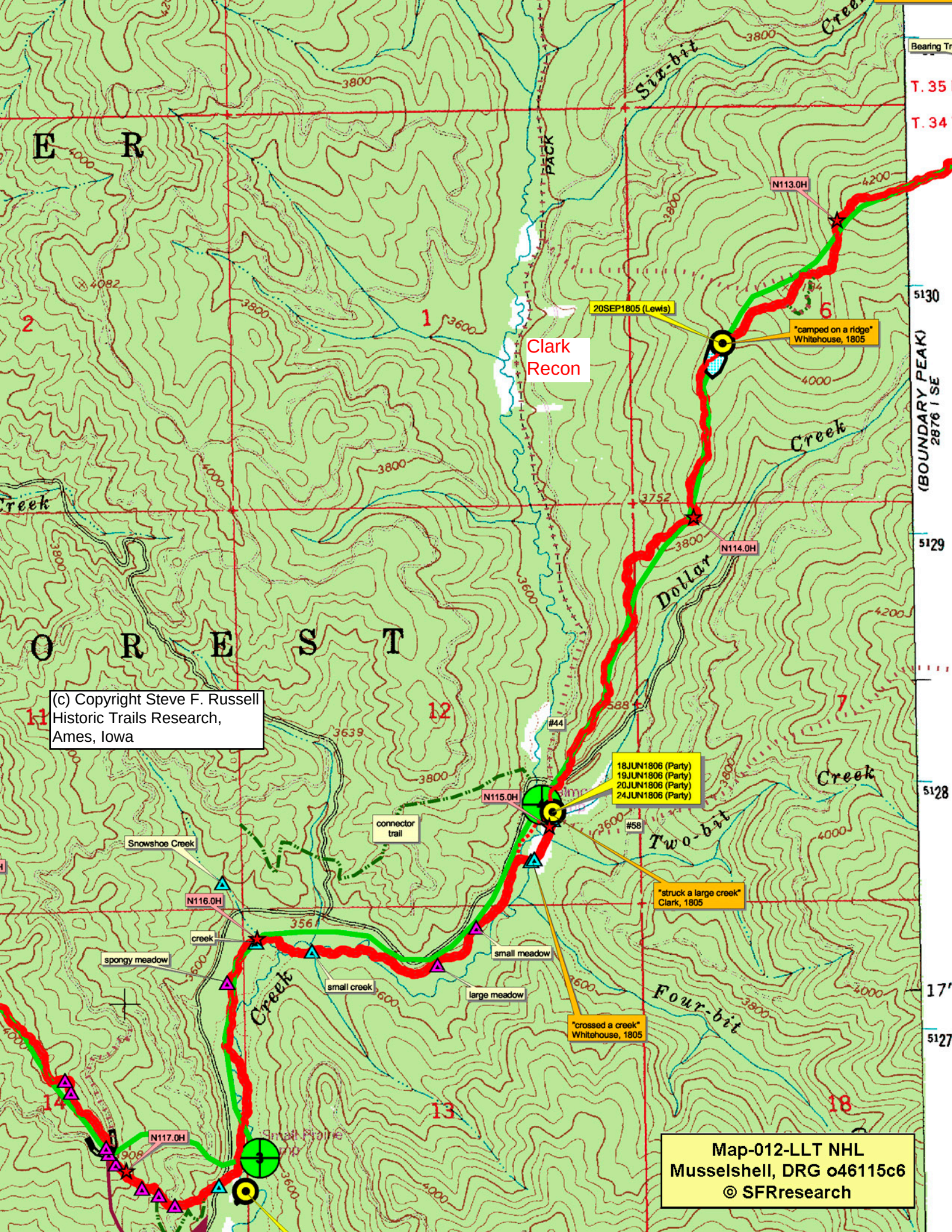
N113.0H
20SEP1805 (Lewis)
"camped on a ridge"
Whitehouse, 1805
Clark
Recon
N114.0H
#44
18JUN1806 (Party)
19JUN1806 (Party)
20JUN1806 (Party)
24JUN1806 (Party)
N115.0H
connector
trail
#58
"struck a large creek"
Clark, 1805
Snowshoe Creek
N116.0H
creek
spongy meadow
small creek
small meadow
large meadow
"crossed a creek"
Whitehouse, 1805
N117.0H
Small Prairie
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Map-012-LLT NHL
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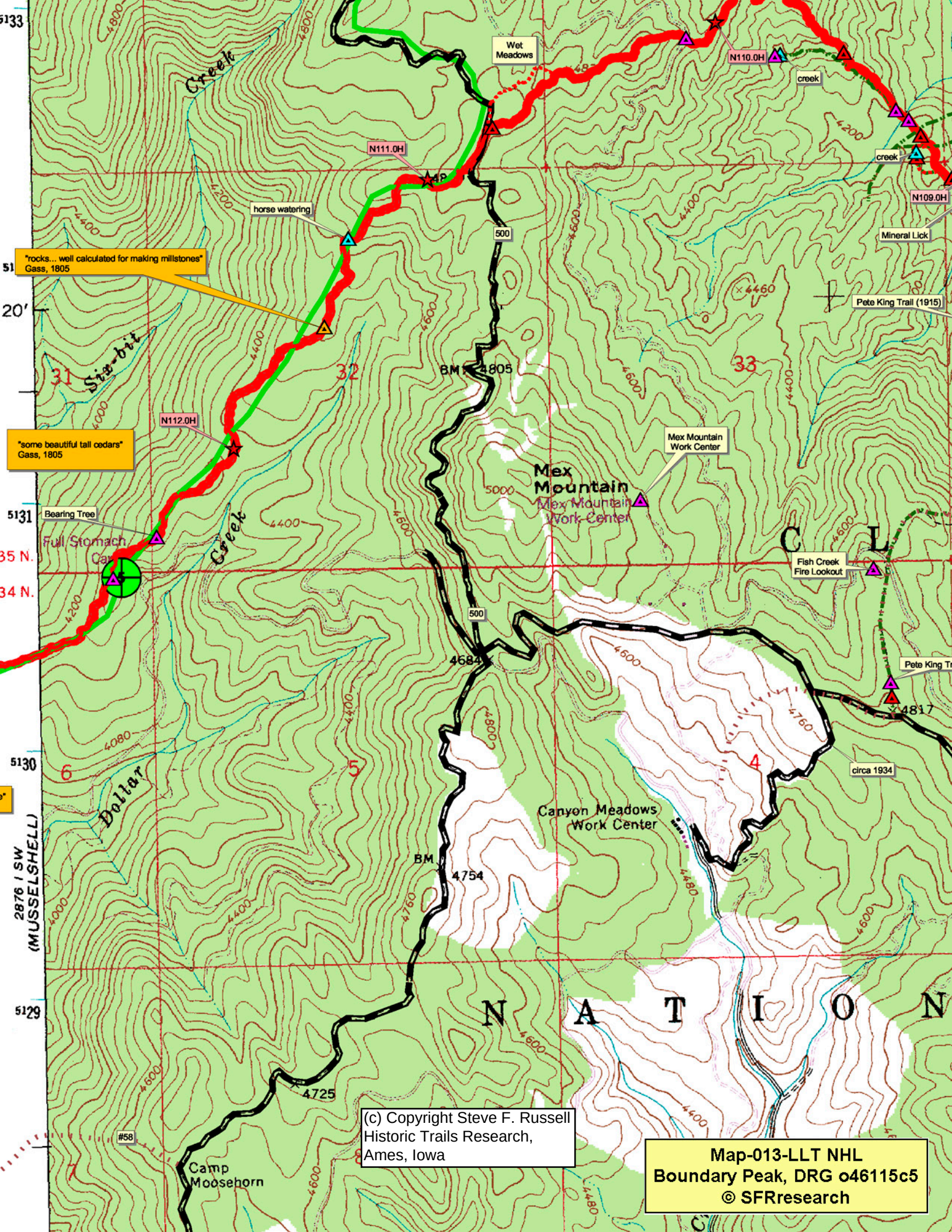
Wet Meadows
N110.0H
creek
N111.0H
horse watering
"rocks... well calculated for making millstones" Gass, 1805
"some beautiful tall cedars" Gass, 1805
N112.0H
Bearing Tree
Full Stomach Camp
Six-bit Creek
Dollar Creek
Mex Mountain
Mex Mountain Work Center
BM 4805
4684
BM 4754
4725
Canyon Meadows Work Center
Fish Creek Fire Lookout
4817
circa 1934
Mineral Lick
N109.0H
Pete King Trail (1915)
Camp Moosehorn
#58
2876 I SW (MUSSELSHELL)
NATION
(c) Copyright Steve F. Russell
Historic Trails Research,
Ames, Iowa
Map-013-LLT NHL
Boundary Peak, DRG o46115c5
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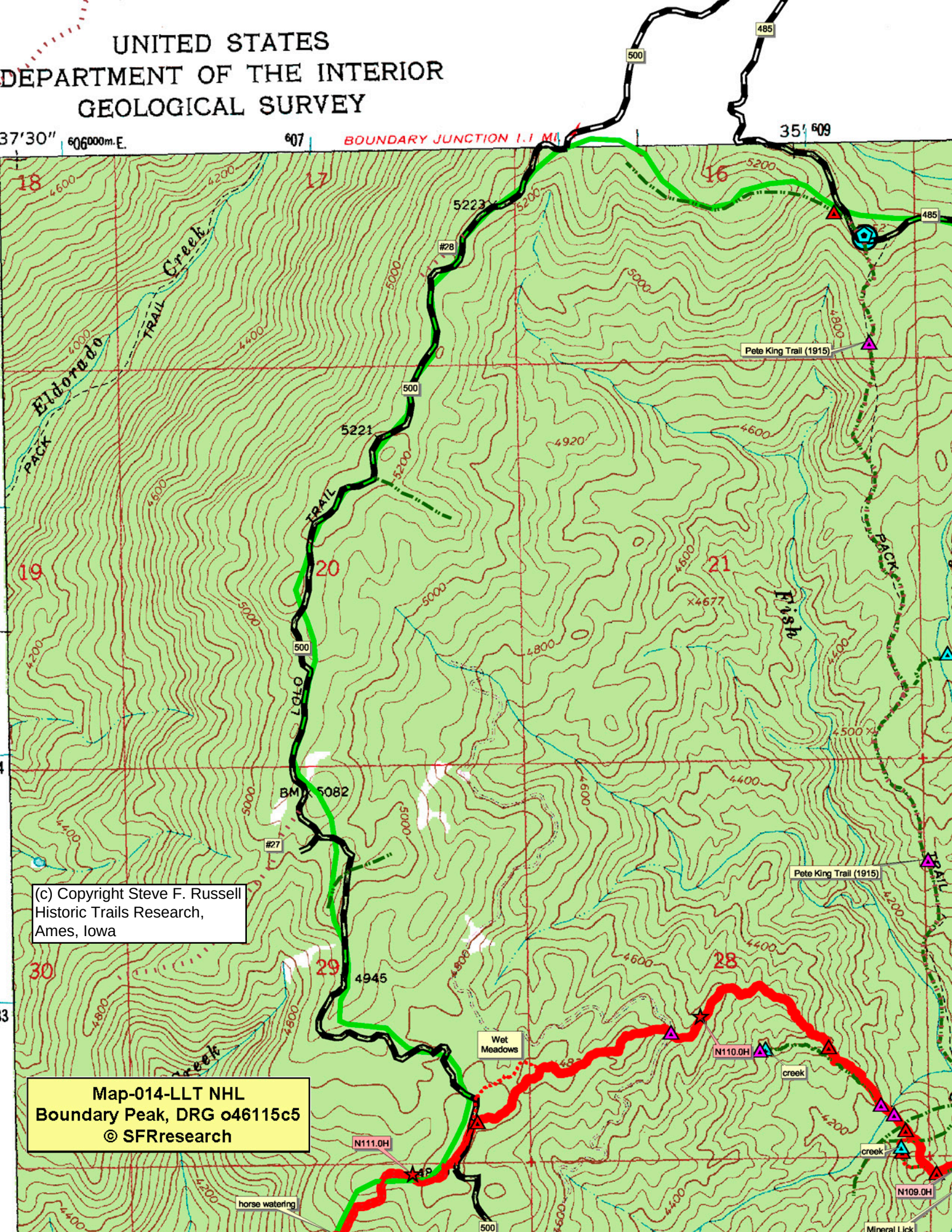
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
37'30"
606000m.E.
607
BOUNDARY JUNCTION 1.1 MI
35'
609
485
500
#28
5223
5221
5082
4945
Eldorado Creek
PACK TRAIL
LOLO TRAIL
Pete King Trail (1915)
Fish
Wet Meadows
N110.0H
N111.0H
N109.0H
creek
horse watering
Mineral Lick
#27
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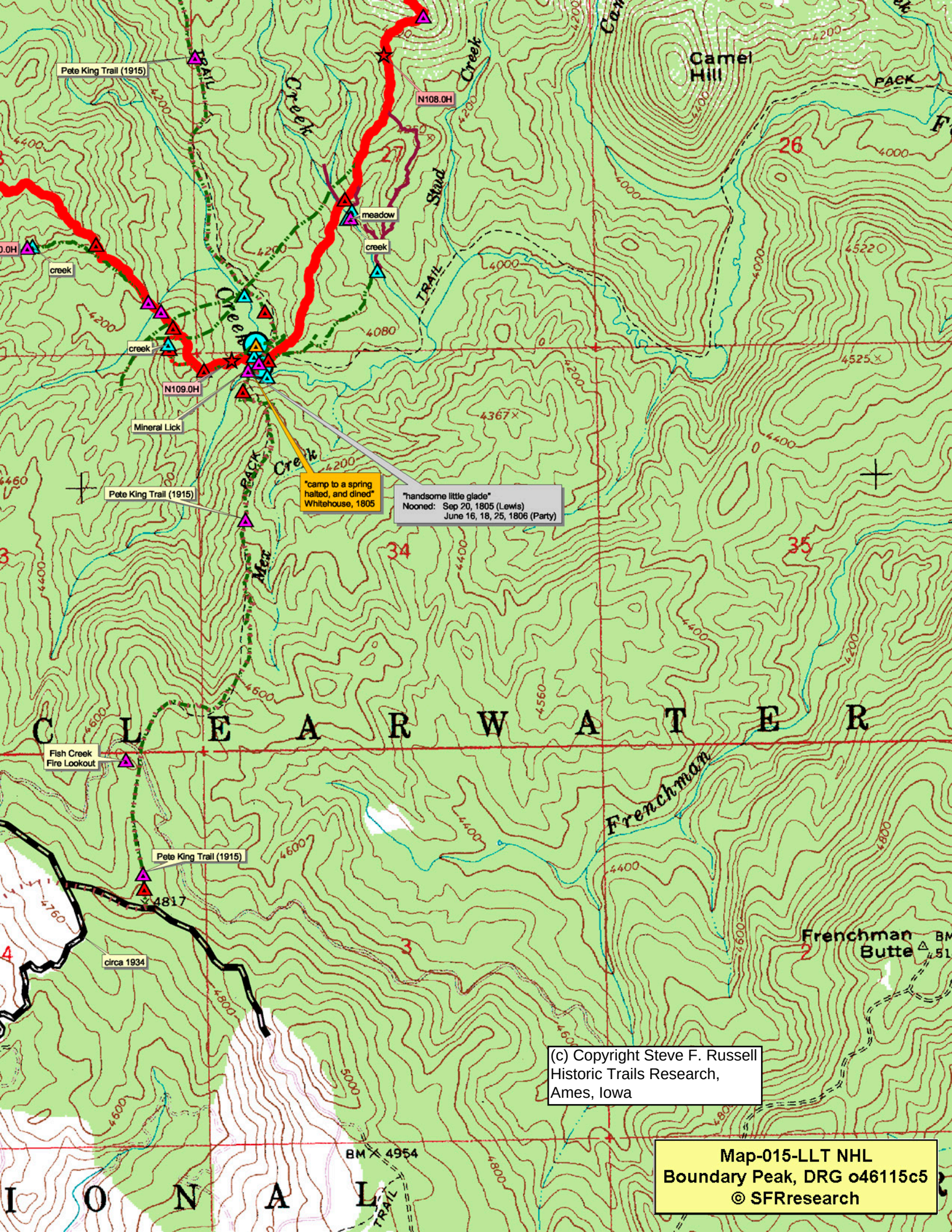
Pete King Trail (1915)
N108.0H
Camel Hill
meadow
creek
creek
creek
N109.0H
Mineral Lick
"camp to a spring halted, and dined" Whitehouse, 1805
"handsome little glade" Nooned: Sep 20, 1805 (Lewis) June 16, 18, 25, 1806 (Party)
Pete King Trail (1915)
Fish Creek Fire Lookout
Pete King Trail (1915)
4817
circa 1934
Frenchman Butte
BM 4954
C L E A R W A T E R
I O N A L
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Map-015-LLT NHL
Boundary Peak, DRG o46115c5
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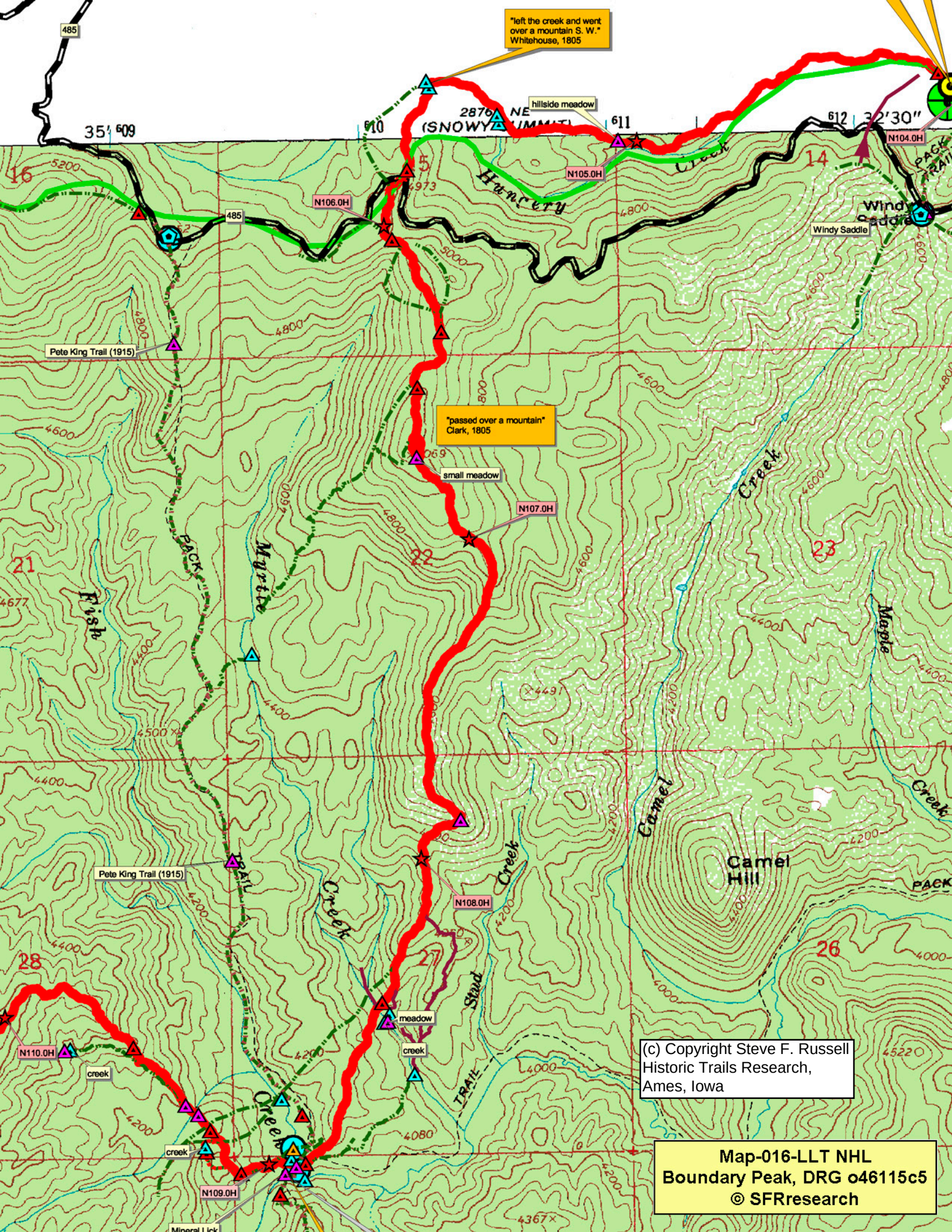
"left the creek and went over a mountain S. W." Whitehouse, 1805
hillside meadow
N104.0H
N105.0H
N106.0H
N107.0H
N108.0H
N109.0H
N110.0H
"passed over a mountain" Clark, 1805
small meadow
Windy Saddle
Pete King Trail (1915)
Pete King Trail (1915)
485
485
Hungery Creek
Myrtle Creek
Fish Creek
Stud Creek
Camel Creek
Maple Creek
Camel Hill
meadow
creek
creek
creek
PACK TRAIL
TRAIL
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Map-016-LLT NHL
Boundary Peak, DRG o46115c5
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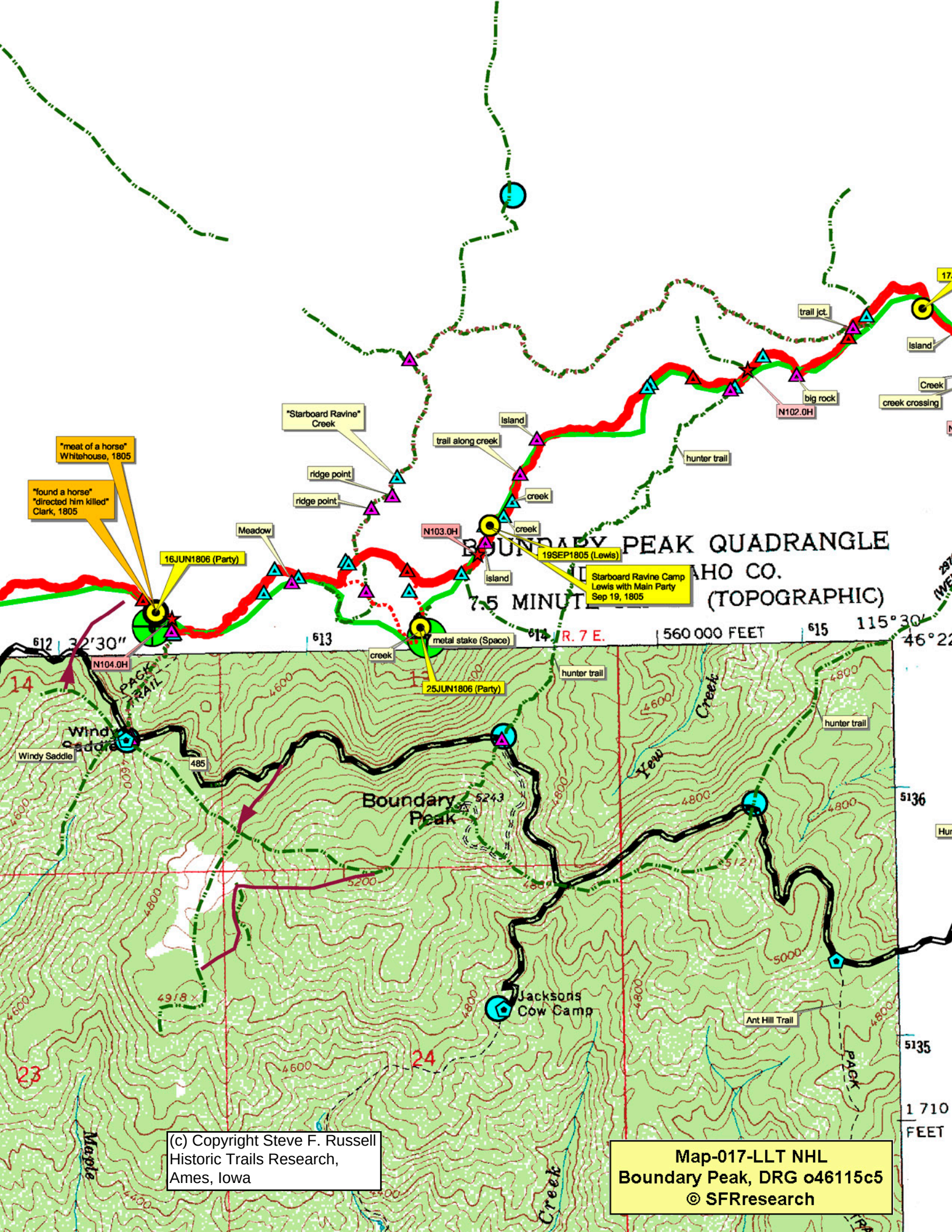

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Map-017-LLT NHL
Boundary Peak, DRG o46115c5
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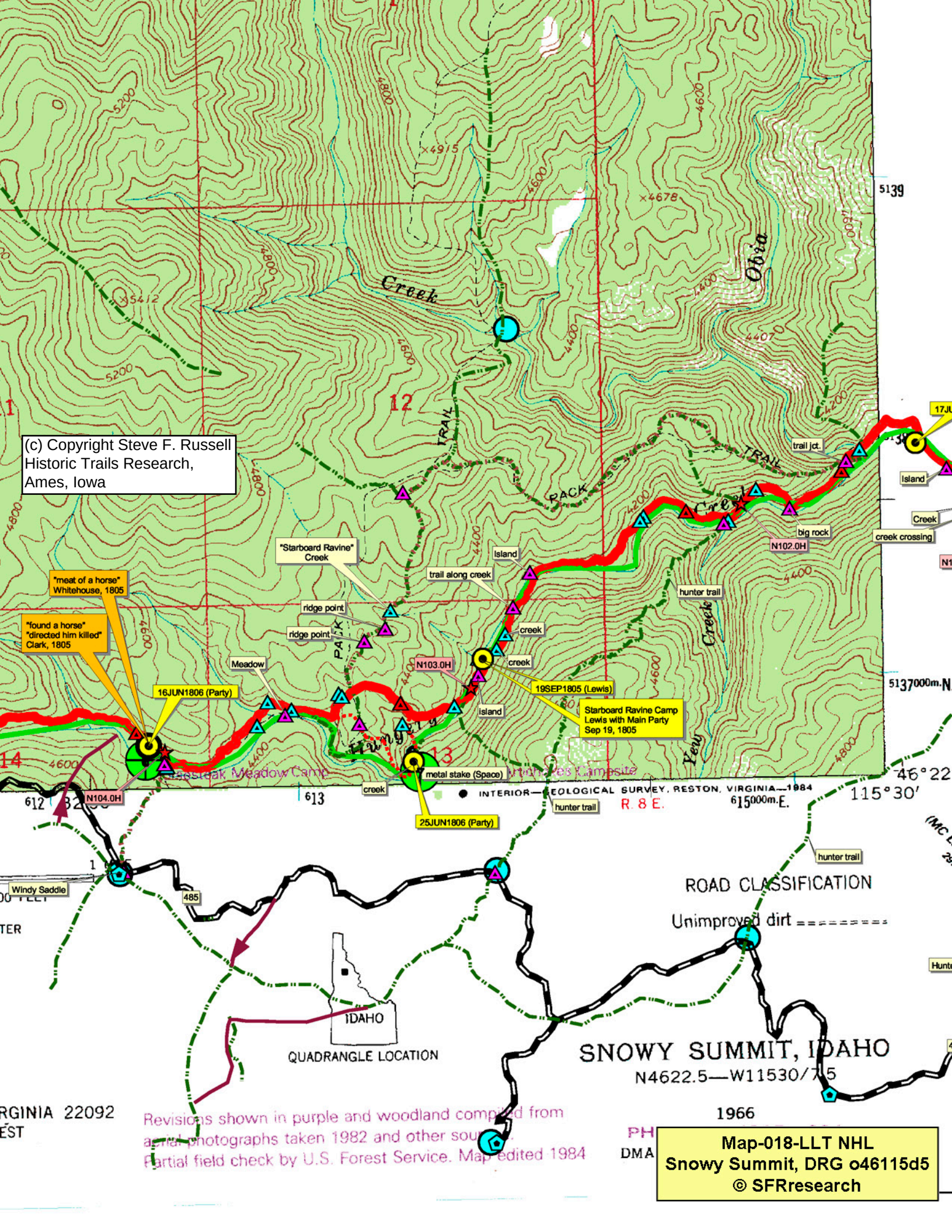
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"Starboard Ravine" Creek
"meat of a horse" Whitehouse, 1805
"found a horse" "directed him killed" Clark, 1805
ridge point
ridge point
trail along creek
Island
creek
creek
Meadow
N103.0H
19SEP1805 (Lewis)
Starboard Ravine Camp Lewis with Main Party Sep 19, 1805
16JUN1806 (Party)
Island
N104.0H
creek
metal stake (Space)
25JUN1806 (Party)
hunter trail
trail jct.
Island
big rock
N102.0H
creek crossing
hunter trail
Creek
PACK TRAIL
Obia Creek
INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1984
R. 8 E.
115°30'
Windy Saddle
485
ROAD CLASSIFICATION
Unimproved dirt
IDAHO
QUADRANGLE LOCATION
SNOWY SUMMIT, IDAHO
N4622.5—W11530/7.5
1966
Revisions shown in purple and woodland compiled from aerial photographs taken 1982 and other sou
Partial field check by U.S. Forest Service. Map edited 1984
Map-018-LLT NHL
Snowy Summit, DRG o46115d5
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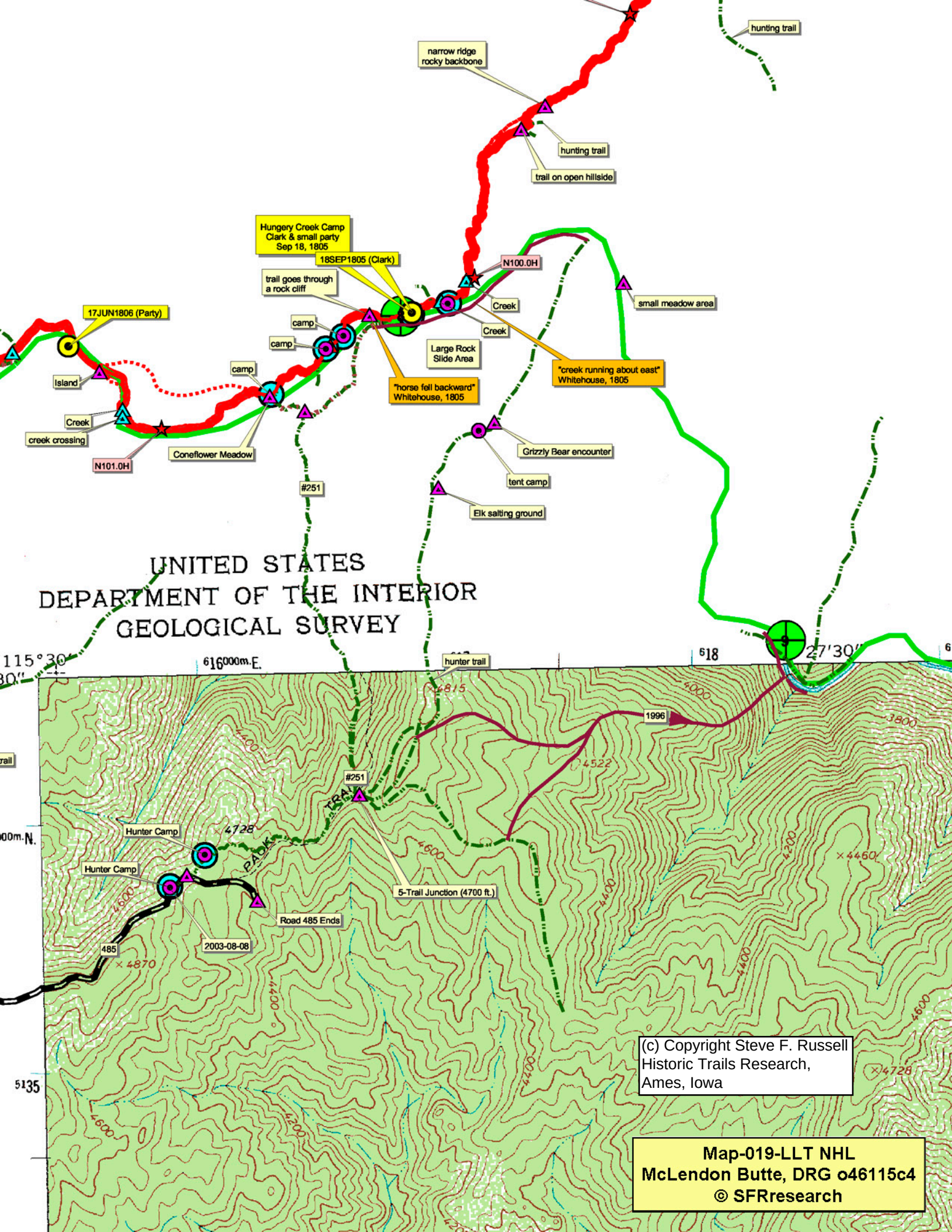
hunting trail
narrow ridge
rocky backbone
hunting trail
trail on open hillside
Hungery Creek Camp
Clark & small party
Sep 18, 1805
18SEP1805 (Clark)
N100.0H
trail goes through
a rock cliff
Creek
small meadow area
17JUN1806 (Party)
camp
camp
Creek
Large Rock
Slide Area
"creek running about east"
Whitehouse, 1805
camp
Island
"horse fell backward"
Whitehouse, 1805
Creek
creek crossing
Coneflower Meadow
N101.0H
Grizzly Bear encounter
tent camp
#251
Elk salting ground
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
115°30'
616000m.E.
hunter trail
618
27'30"
4815
4000
1996
3800
4400
4522
#251
TRAIL
Hunter Camp
4728
PARK
4600
4200
×4460
Hunter Camp
5-Trail Junction (4700 ft.)
4400
Road 485 Ends
4600
2003-08-08
485
×4870
4400
4400
4600
5135
4200
×4728
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Map-019-LLT NHL
McLendon Butte, DRG o46115c4
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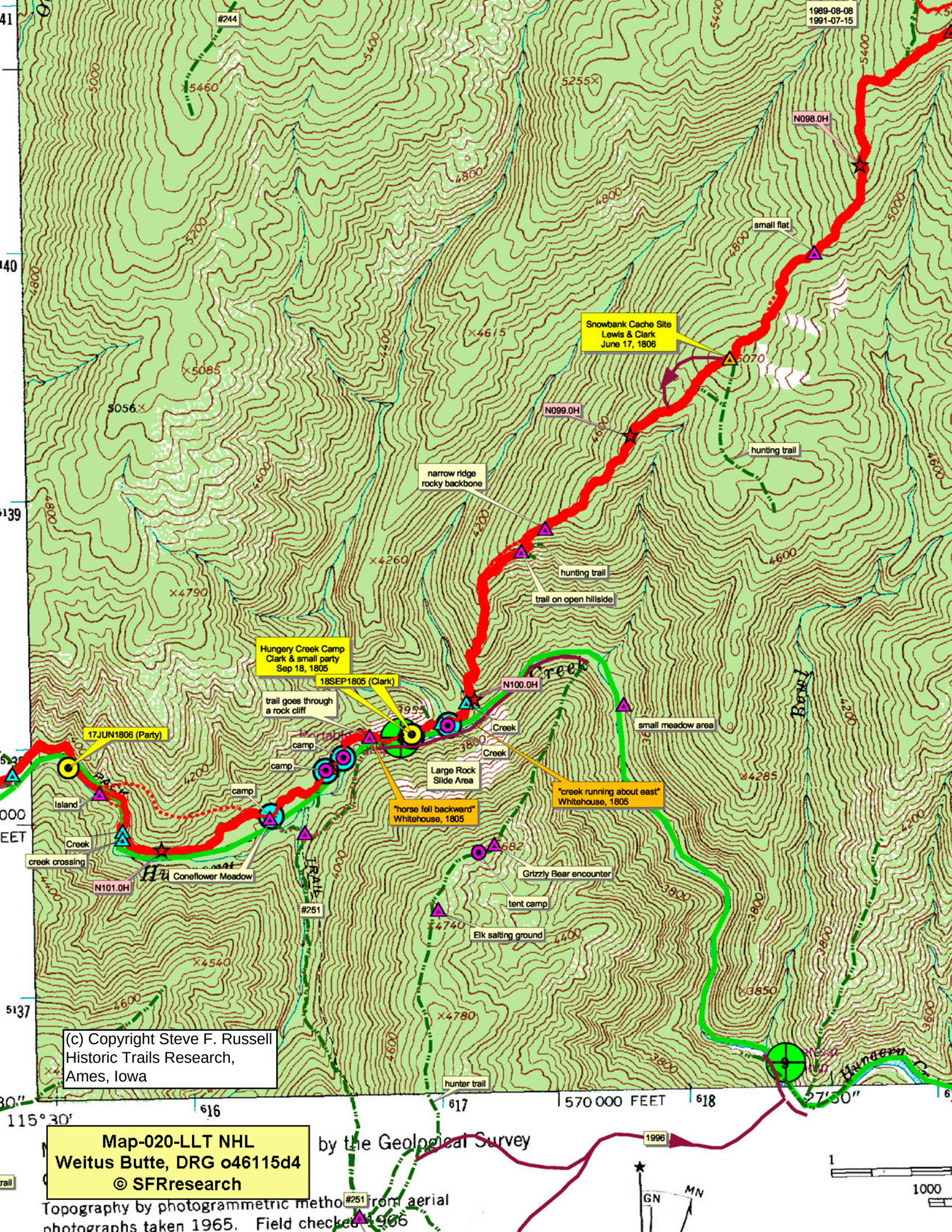
1989-08-08
1991-07-15
N098.0H
small flat
Snowbank Cache Site
Lewis & Clark
June 17, 1806
N099.0H
hunting trail
narrow ridge
rocky backbone
hunting trail
trail on open hillside
Hungery Creek Camp
Clark & small party
Sep 18, 1805
18SEP1805 (Clark)
N100.0H
trail goes through
a rock cliff
17JUN1806 (Party)
camp
camp
camp
Creek
Creek
Large Rock
Slide Area
small meadow area
"creek running about east"
Whitehouse, 1805
"horse fell backward"
Whitehouse, 1805
Island
Creek
creek crossing
N101.0H
Coneflower Meadow
Grizzly Bear encounter
tent camp
Elk salting ground
#251
hunter trail
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Historic Trails Research,
Ames, Iowa
570 000 FEET
115°30'
27'30"
1996
Map-020-LLT NHL
Weitus Butte, DRG o46115d4
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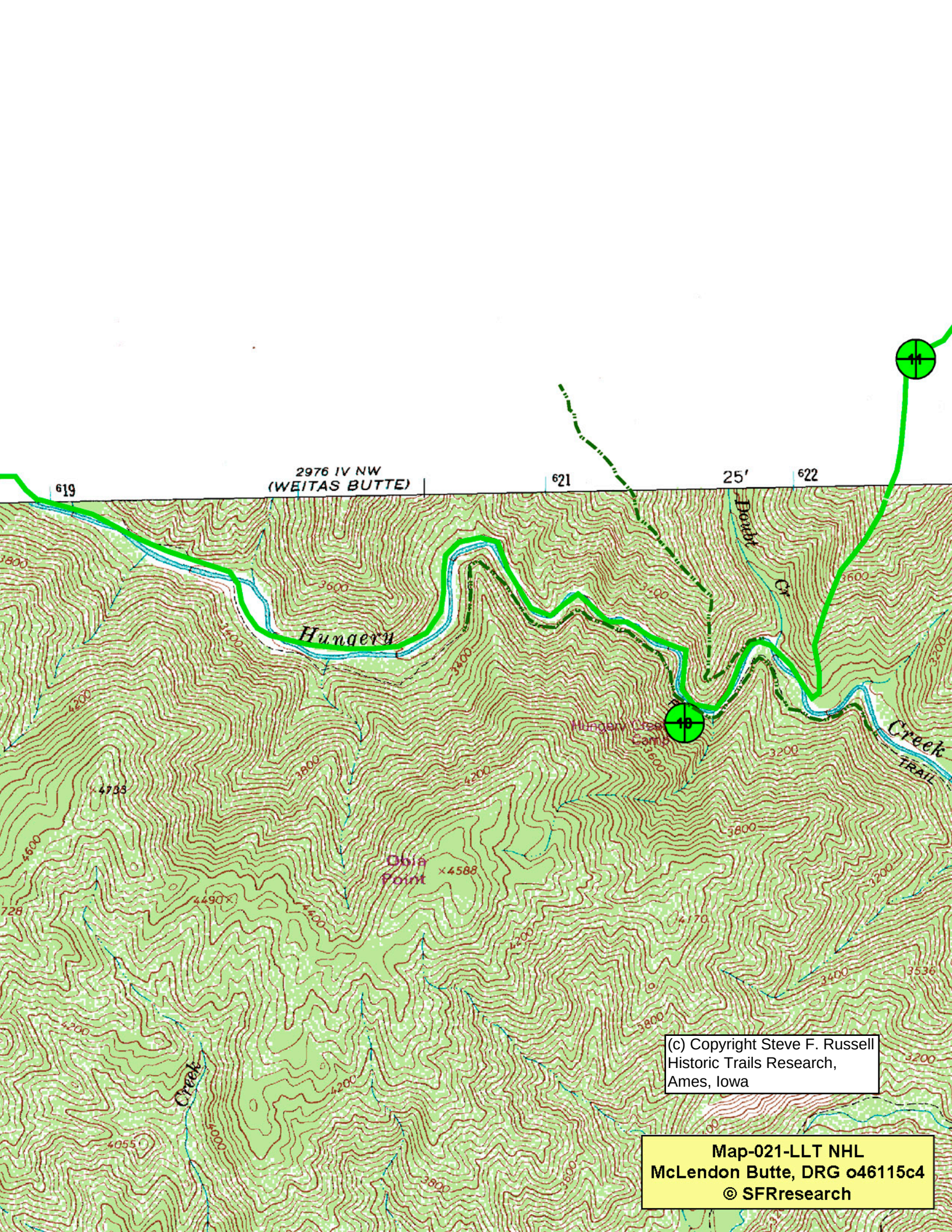
by the Geological Survey
Topography by photogrammetric metho from aerial
photographs taken 1965. Field checke 1966
GN
MN
1000


2976 IV NW
(WEITAS BUTTE)
619
621
25'
622
Hungery
Doubt Cr
Creek
TRAIL
Obia Point
×4588
×4788
4490×
4170
3600
3400
3200
3800
4200
4600
4000
3536
Creek
4055
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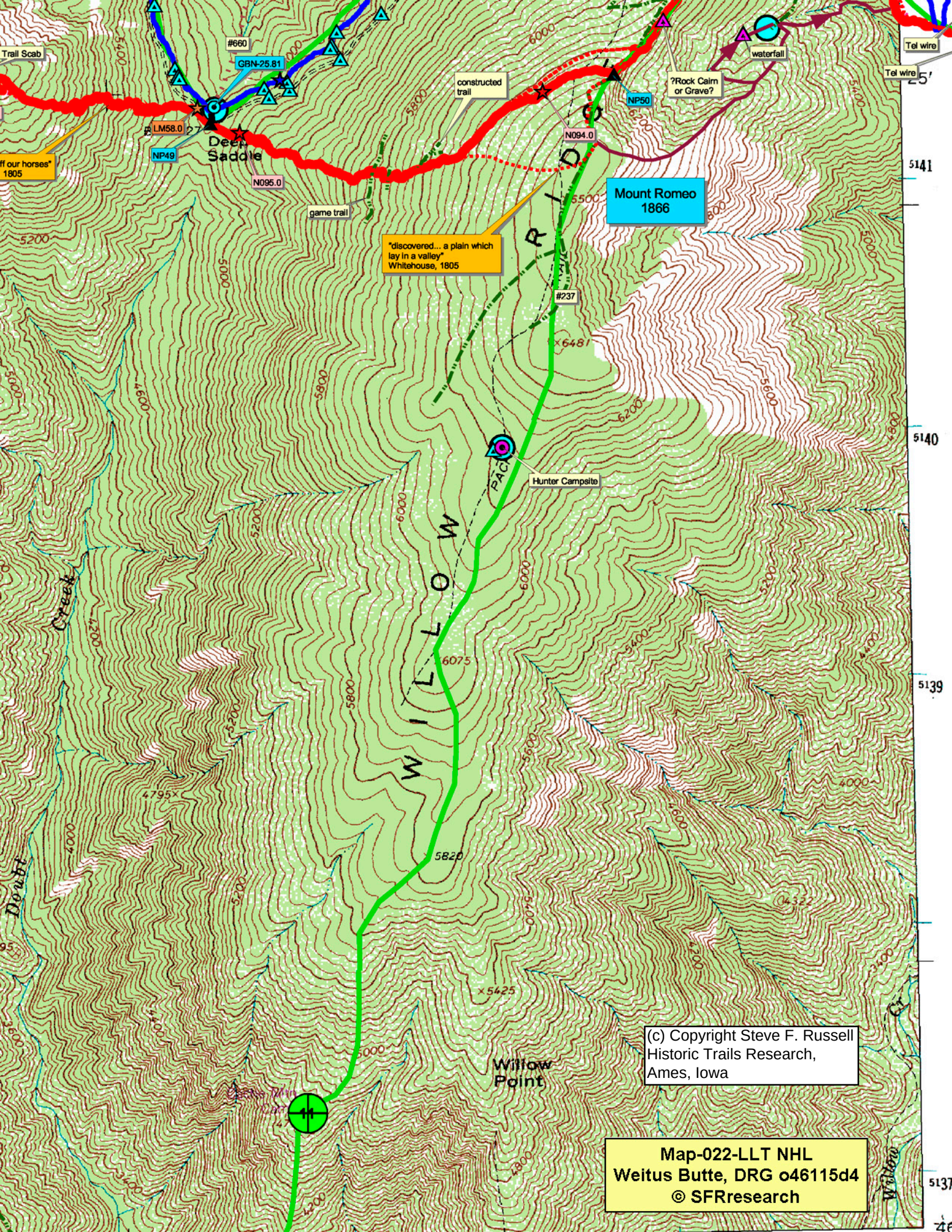
Trail Scab
#660
GBN-25.81
LM58.0
NP49
Deep Saddle
N095.0
constructed trail
game trail
"discovered... a plain which lay in a valley" Whitehouse, 1805
NP50
N094.0
?Rock Cairn or Grave?
waterfall
Tel wire
Tel wire
Mount Romeo 1866
#237
6481
Hunter Campsite
PACK TRAIL
WILLOW RIDGE
6075
5820
×5425
Willow Point
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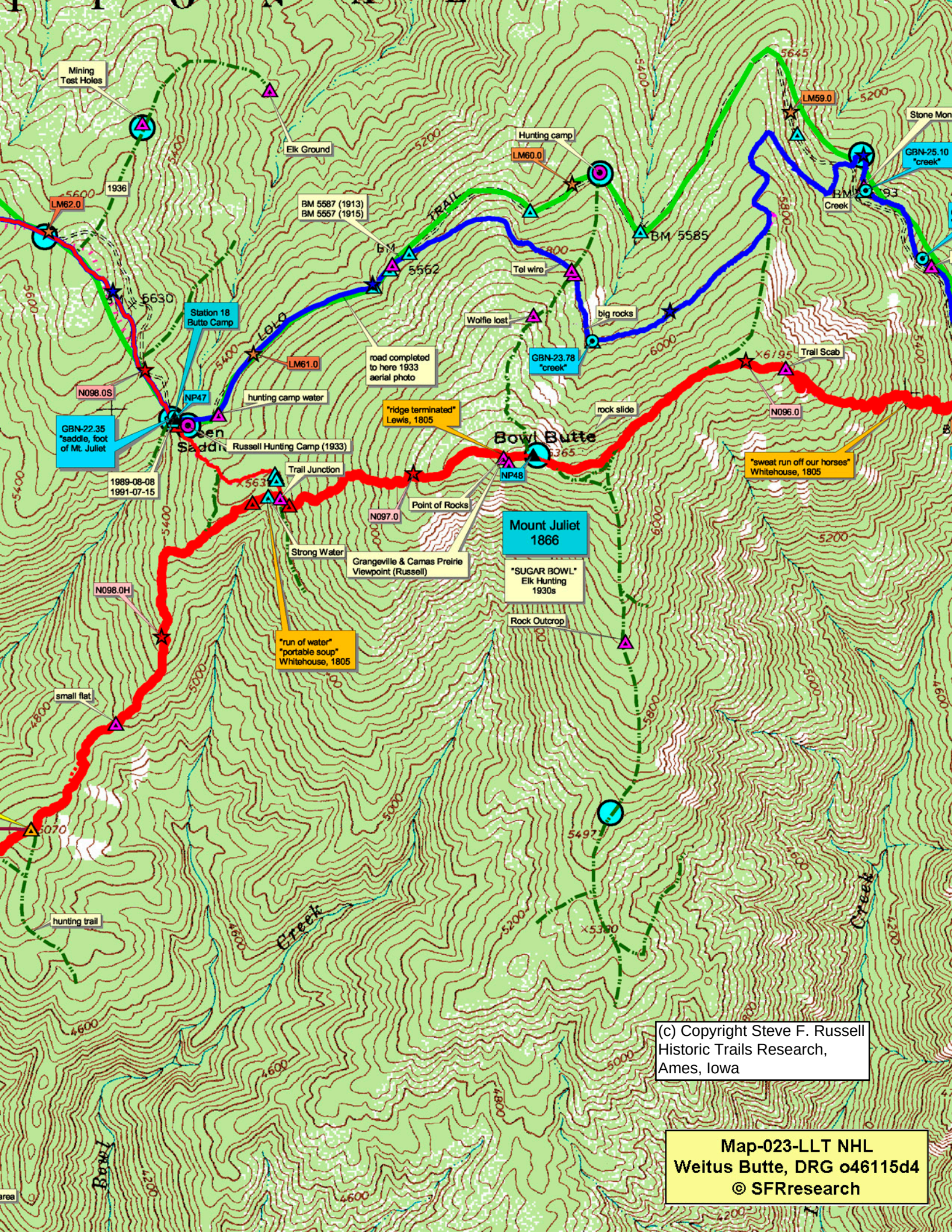
Comprehensive Research Maps 2017

Green Saddle to Bald Mountain


Mining Test Holes
Elk Ground
1936
LM62.0
5600
5400
5630
Station 18 Butte Camp
LOLO
LM61.0
N098.0S
NP47
GBN-22.35 "saddle, foot of Mt. Juliet
1989-08-08
1991-07-15
hunting camp water
Russell Hunting Camp (1933)
Trail Junction
5631
N098.0H
small flat
5070
hunting trail
Strong Water
"run of water" "portable soup" Whitehouse, 1805
BM 5587 (1913)
BM 5557 (1915)
BM 5562
TRAIL
road completed to here 1933 aerial photo
"ridge terminated" Lewis, 1805
N097.0
Point of Rocks
Grangeville & Camas Preirie Viewpoint (Russell)
Hunting camp
LM60.0
BM 5585
Tel wire
Wolfie lost
big rocks
GBN-23.78 "creek"
rock slide
Bowl Butte
5365
NP48
Mount Juliet 1866
"SUGAR BOWL" Elk Hunting 1930s
Rock Outcrop
5497
5300
5645
LM59.0
5200
Stone Mon
GBN-25.10 "creek"
Creek
6195
Trail Scab
N096.0
"sweat run off our horses" Whitehouse, 1805
6000
5800
5000
4800
4600
4200
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Ames, Iowa
Map-023-LLT NHL
Weitus Butte, DRG o46115d4
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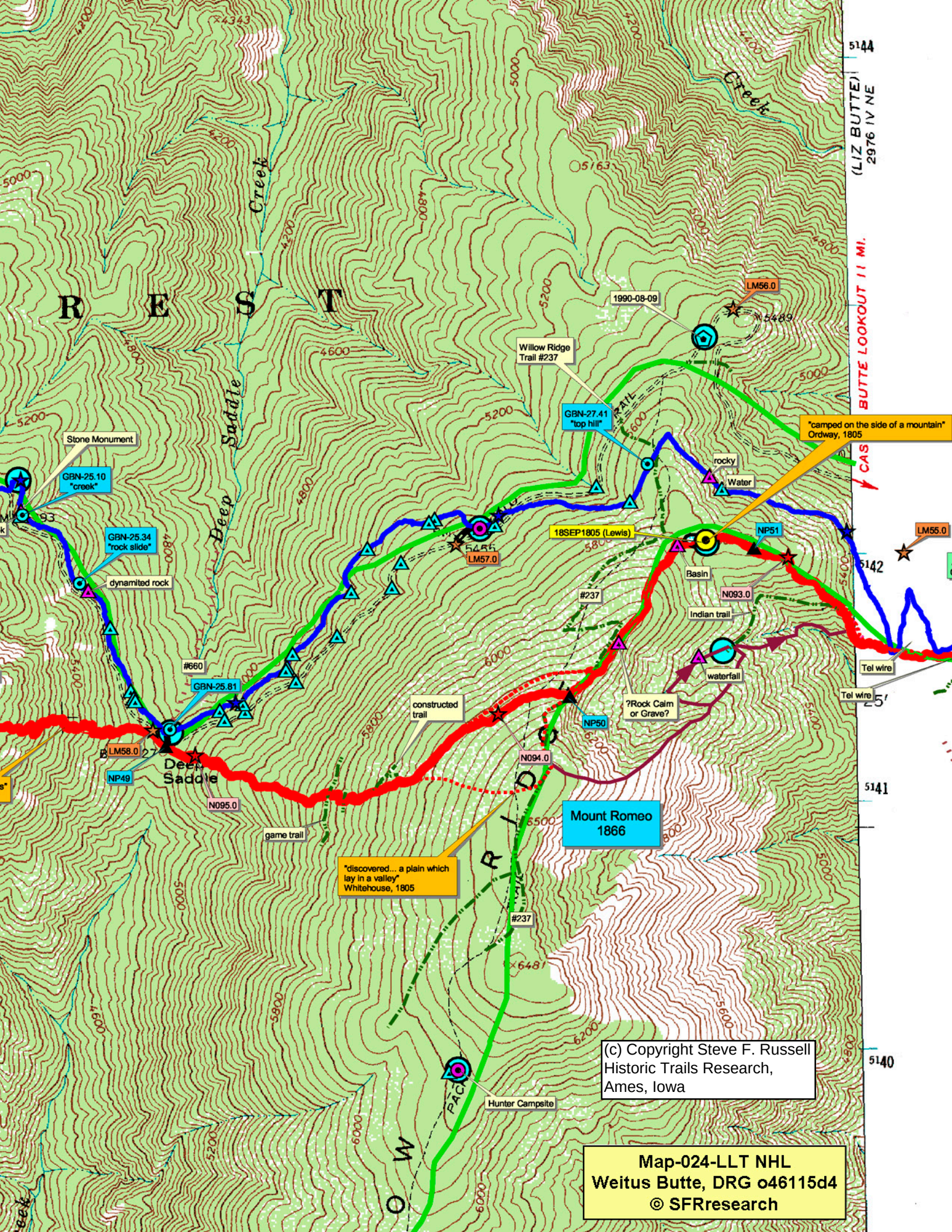
Stone Monument
GBN-25.10
"creek"
GBN-25.34
"rock slide"
dynamited rock
#660
GBN-25.81
LM58.0
NP49
Deep Saddle
N095.0
game trail
constructed trail
"discovered... a plain which lay in a valley"
Whitehouse, 1805
N094.0
NP50
?Rock Caim or Grave?
waterfall
Mount Romeo
1866
#237
Hunter Campsite
LM57.0
18SEP1805 (Lewis)
Basin
NP51
N093.0
Indian trail
#237
Willow Ridge
Trail #237
1990-08-09
GBN-27.41
"top hill"
LM56.0
5489
rocky
Water
"camped on the side of a mountain"
Ordway, 1805
LM55.0
Tel wire
Tel wire
Deep Saddle Creek
Creek
BUTTE LOOKOUT 11 MI.
(LIZ BUTTE)
2976 IV NE
5144
5142
5141
5140
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Map-024-LLT NHL
Weitus Butte, DRG o46115d4
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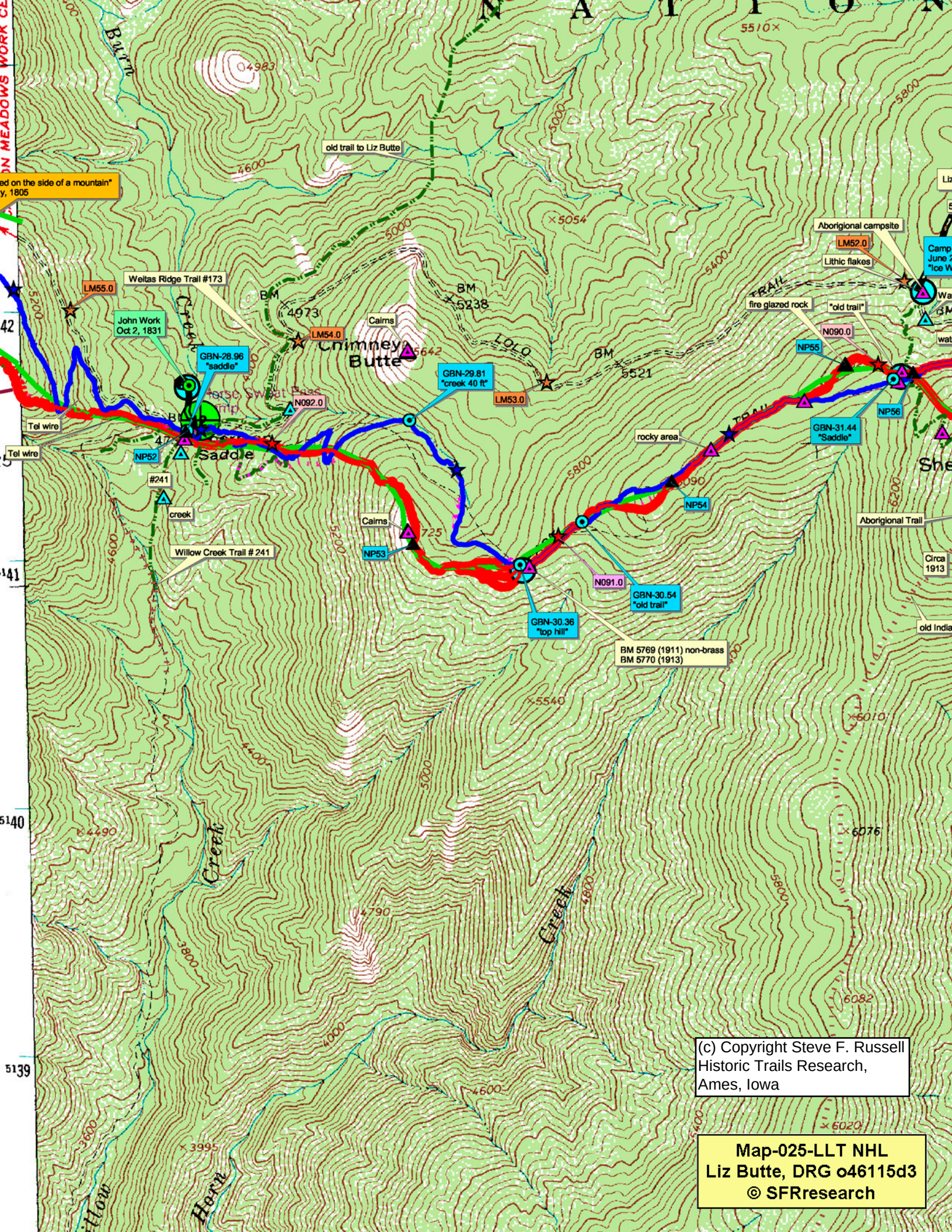
old trail to Liz Butte
Weitas Ridge Trail #173
LM55.0
John Work
Oct 2, 1831
GBN-28.96
"saddle"
LM54.0
Cairns
Chimney
Butte
GBN-29.81
"creek 40 ft"
LM53.0
N092.0
Tel wire
Tel wire
NP52
Saddle
#241
creek
Willow Creek Trail # 241
Cairns
NP53
rocky area
NP54
N091.0
GBN-30.54
"old trail"
GBN-30.36
"top hill"
BM 5769 (1911) non-brass
BM 5770 (1913)
Aborigional campsite
LM52.0
Lithic flakes
fire glazed rock
"old trail"
N090.0
NP55
NP56
GBN-31.44
"Saddle"
Aborigional Trail
Circa
1913
old India
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Map-025-LLT NHL
Liz Butte, DRG o46115d3
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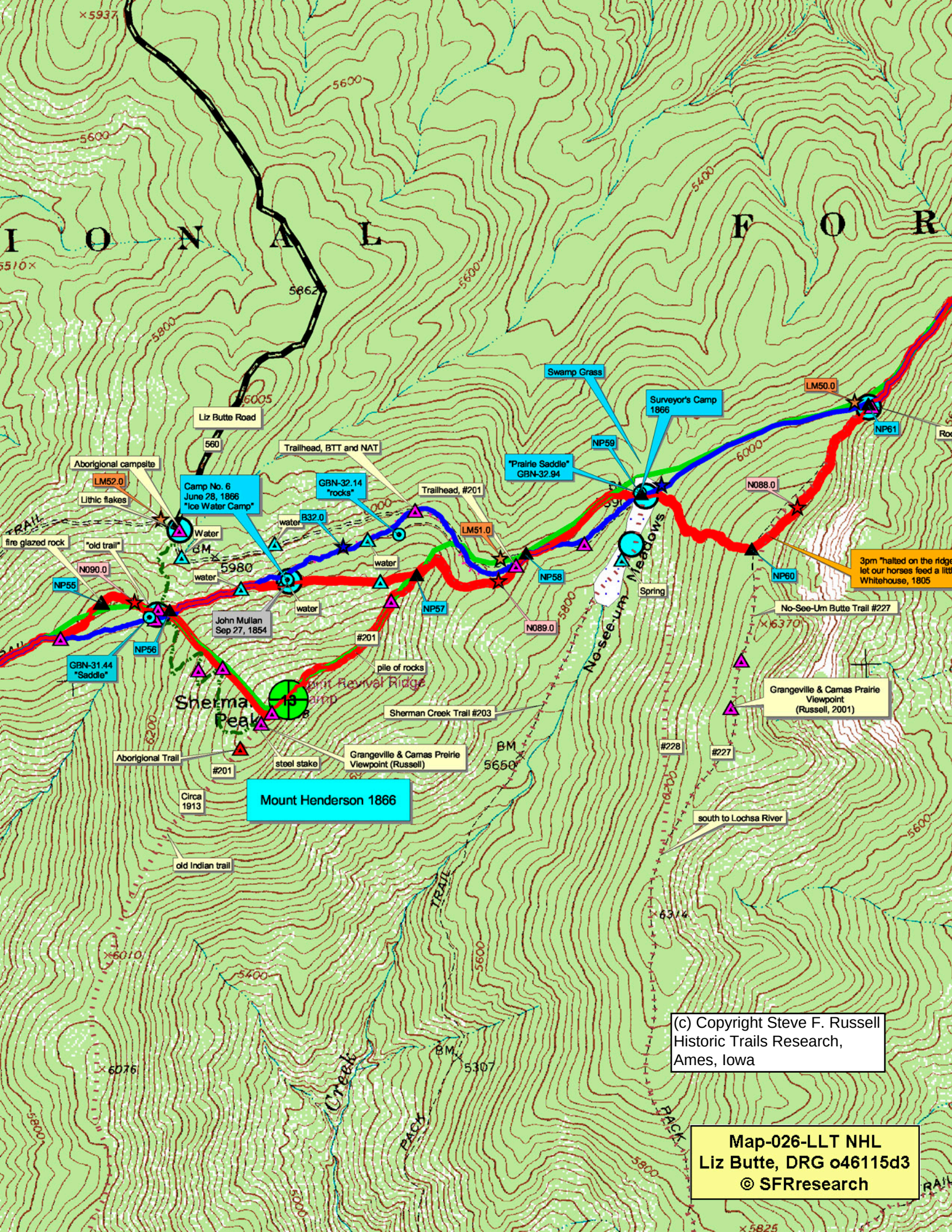
Liz Butte Road
560
Aborigional campsite
LM52.0
Lithic flakes
Camp No. 6
June 28, 1866
"Ice Water Camp"
Water
fire glazed rock
"old trail"
N090.0
NP55
NP56
GBN-31.44
"Saddle"
John Mullan
Sep 27, 1854
water
B32.0
GBN-32.14
"rocks"
Trailhead, BTT and NAT
Trailhead, #201
LM51.0
NP58
NP57
N089.0
Swamp Grass
Surveyor's Camp
1866
NP59
"Prairie Saddle"
GBN-32.94
N088.0
LM50.0
NP61
NP60
3pm "halted on the ridge
let our horses feed a litt
Whitehouse, 1805
Spring
No-See-Um Meadows
No-See-Um Butte Trail #227
Grangeville & Camas Prairie
Viewpoint
(Russell, 2001)
#228
#227
south to Lochsa River
Sherman Peak
Summit Revival Ridge
Camp
pile of rocks
#201
Sherman Creek Trail #203
Aborigional Trail
steel stake
Grangeville & Camas Prairie
Viewpoint (Russell)
Mount Henderson 1866
Circa
1913
old Indian trail
BM
5980
BM
5650
BM
5307
TRAIL
PACK
Creek
5600
5800
6000
6200
5400
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Ames, Iowa
Map-026-LLT NHL
Liz Butte, DRG o46115d3
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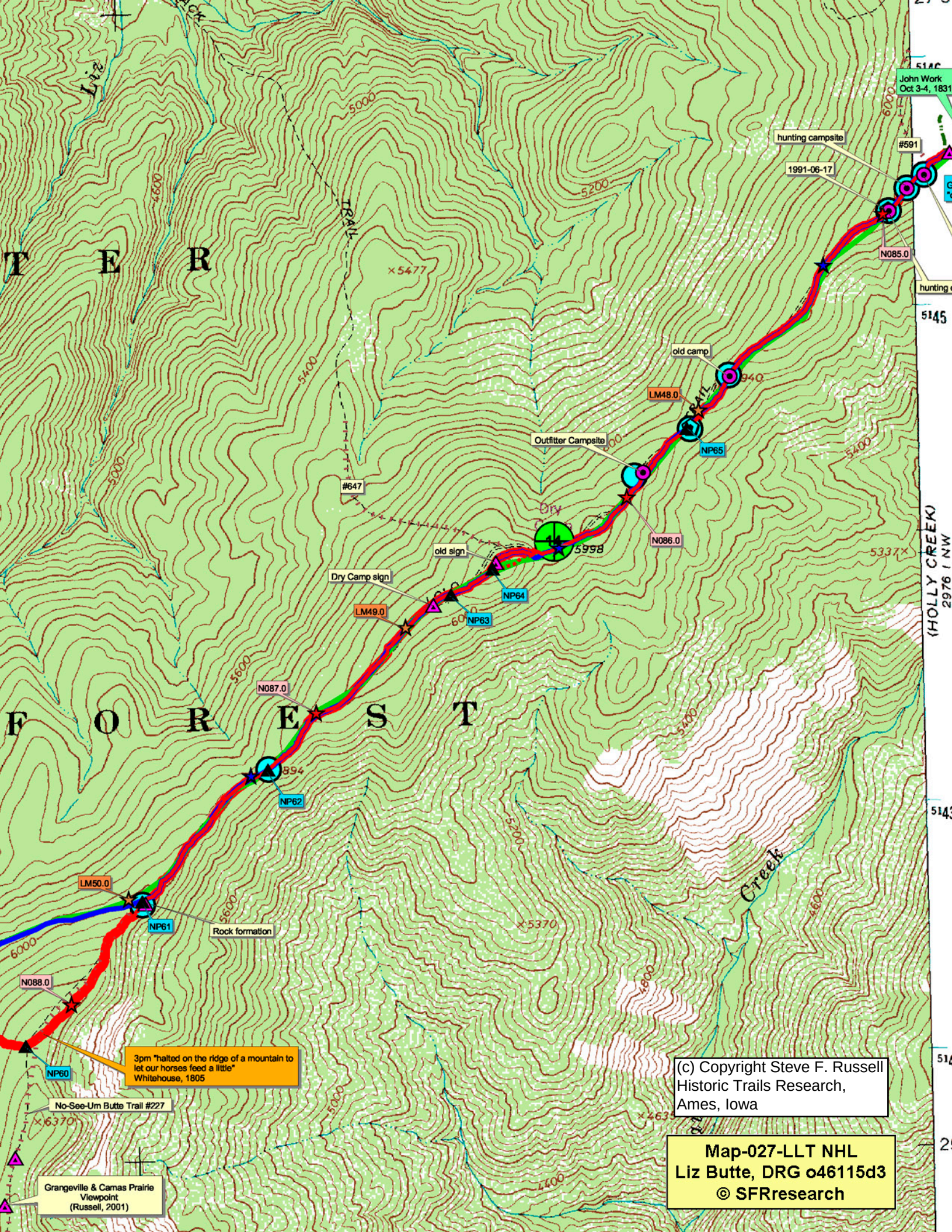
John Work
Oct 3-4, 1831
hunting campsite
#591
1991-06-17
N085.0
old camp
LM48.0
NP65
Outfitter Campsite
#647
N086.0
old sign
NP64
Dry Camp sign
LM49.0
NP63
N087.0
NP62
LM50.0
NP61
Rock formation
N088.0
NP60
3pm "halted on the ridge of a mountain to let our horses feed a little"
Whitehouse, 1805
No-See-Um Butte Trail #227
Grangeville & Camas Prairie
Viewpoint
(Russell, 2001)
TRAIL
FOREST
(HOLLY CREEK)
Creek
5998
5894
5940
5337
5477
5370
6370
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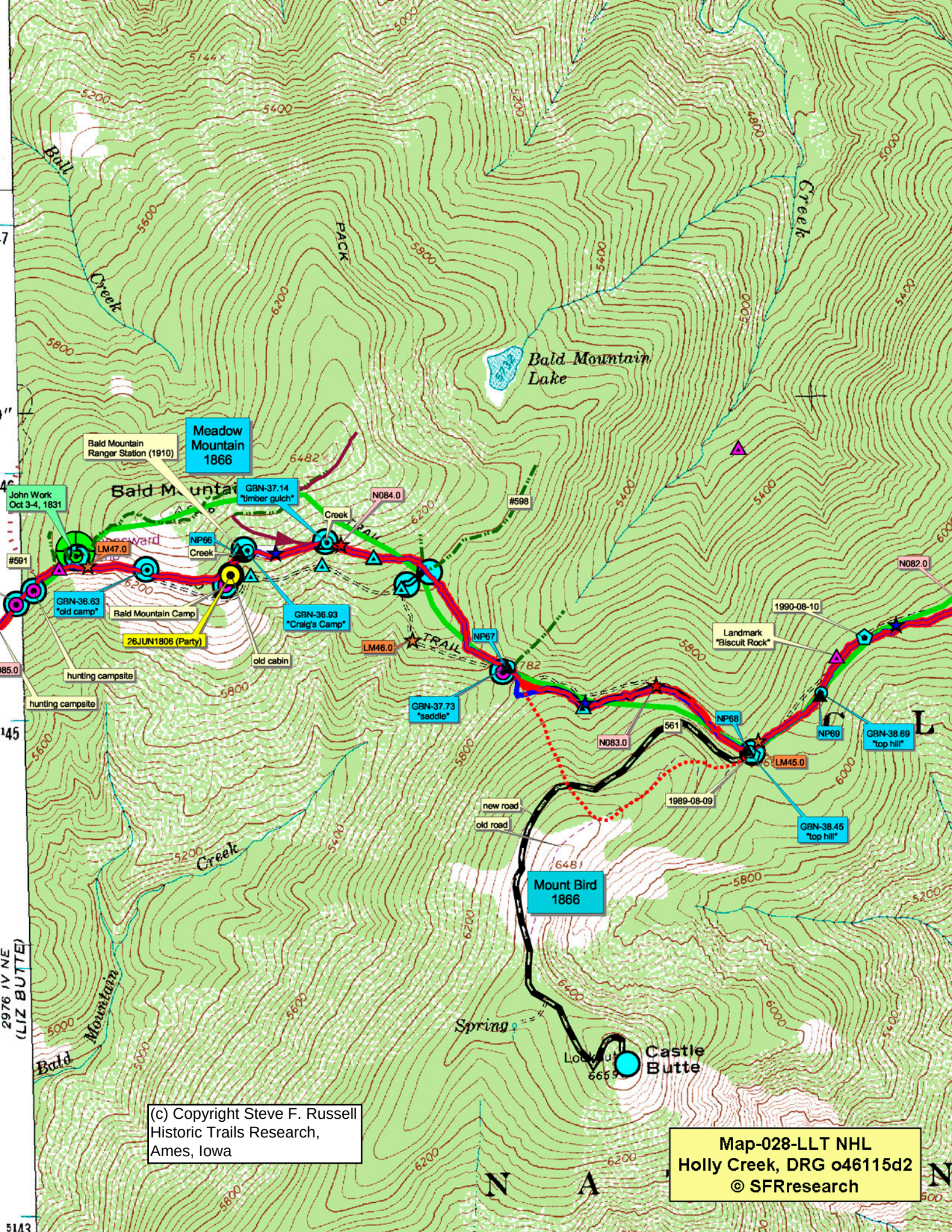
Bald Mountain to Rocky Point


Meadow Mountain 1866
Bald Mountain Ranger Station (1910)
John Work Oct 3-4, 1831
LM47.0
#591
GBN-36.63 "old camp"
Bald Mountain Camp
26JUN1806 (Party)
hunting campsite
hunting campsite
old cabin
GBN-36.93 "Craig's Camp"
GBN-37.14 "timber gulch"
NP66
Creek
N084.0
#598
LM46.0
TRAIL
NP67
GBN-37.73 "saddle"
Bald Mountain Lake
Landmark "Biscuit Rock"
1990-08-10
N082.0
NP68
561
N083.0
LM45.0
NP69
GBN-38.69 "top hill"
1989-08-09
GBN-38.45 "top hill"
new road
old road
Mount Bird 1866
Spring
Castle Butte
6659
Bald Mountain Creek
Pack Trail Creek
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Map-028-LLT NHL
Holly Creek, DRG o46115d2
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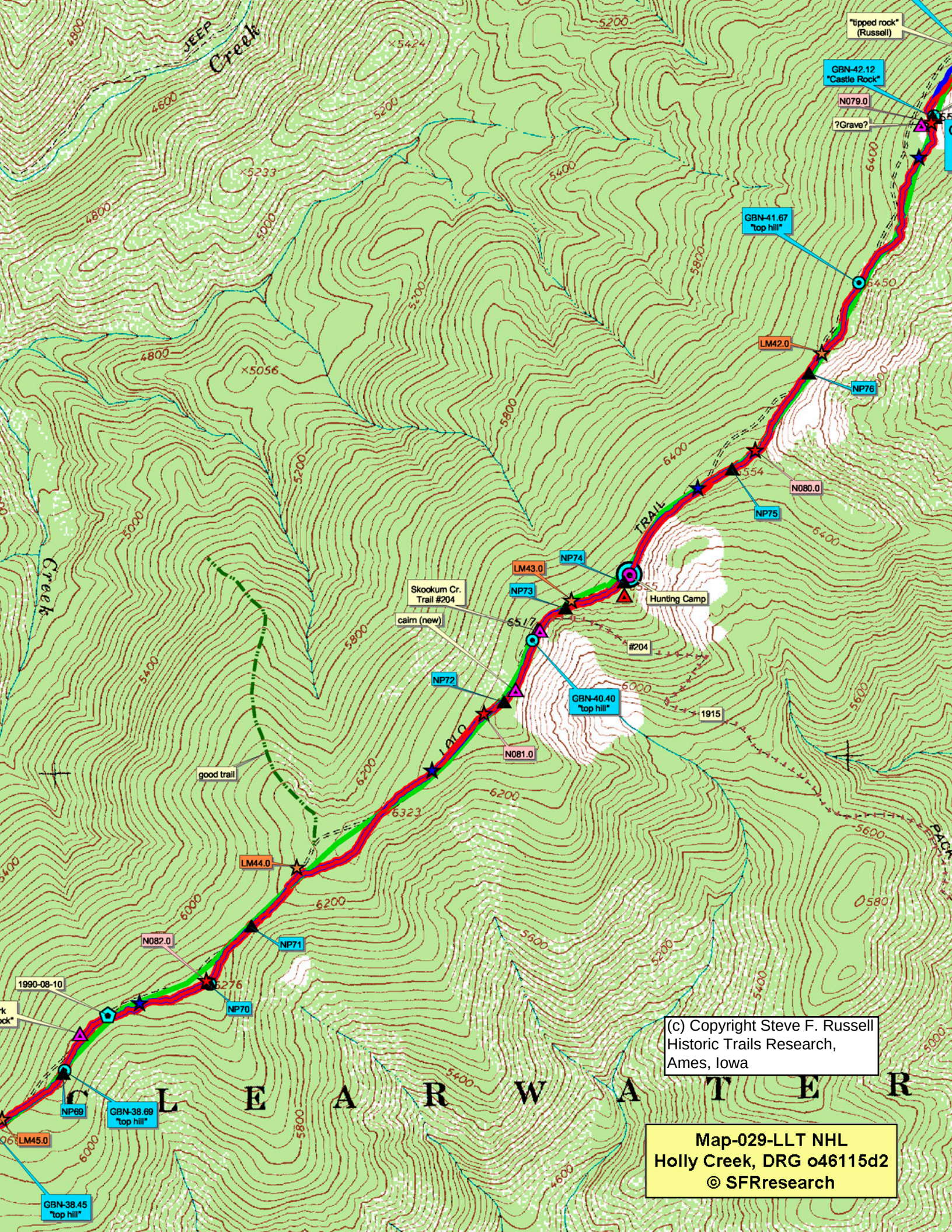
"tipped rock" (Russell)
GBN-42.12 "Castle Rock"
N079.0
?Grave?
GBN-41.67 "top hill"
LM42.0
NP76
N080.0
NP75
TRAIL
NP74
LM43.0
NP73
Skookum Cr. Trail #204
cairn (new)
Hunting Camp
#204
NP72
GBN-40.40 "top hill"
1915
N081.0
good trail
LM44.0
NP71
N082.0
1990-08-10
NP70
NP69
GBN-38.69 "top hill"
LM45.0
GBN-38.45 "top hill"
JEEP
Creek
CLEARWATER
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Holly Creek, DRG o46115d2
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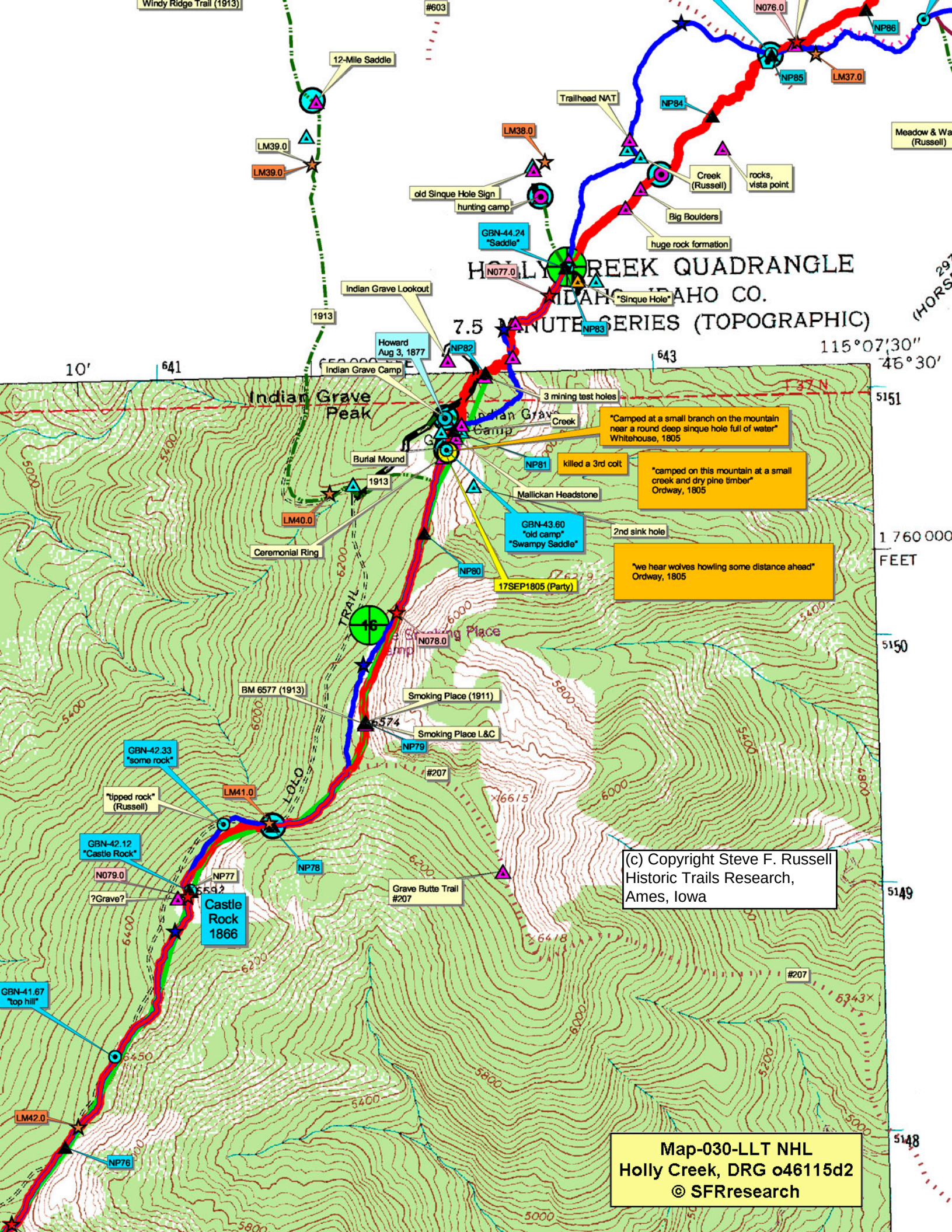
Windy Ridge Trail (1913)
#603
12-Mile Saddle
LM39.0
LM39.0
1913
Indian Grave Lookout
Howard
Aug 3, 1877
NP82
Indian Grave Camp
Indian Grave Peak
Burial Mound
1913
LM40.0
Ceremonial Ring
TRAIL
16
N078.0
BM 6577 (1913)
Smoking Place (1911)
Smoking Place L&C
NP79
#207
LOLO
LM41.0
"tipped rock"
(Russell)
GBN-42.33
"some rock"
GBN-42.12
"Castle Rock"
N079.0
?Grave?
NP77
Castle
Rock
1866
NP78
Grave Butte Trail
#207
GBN-41.67
"top hill"
LM42.0
NP76
Trailhead NAT
LM38.0
old Sinque Hole Sign
hunting camp
GBN-44.24
"Saddle"
N077.0
"Sinque Hole"
NP83
NP84
NP85
N076.0
NP86
LM37.0
Creek
(Russell)
rocks,
vista point
Big Boulders
huge rock formation
Meadow & Wa
(Russell)
HOLLY CREEK QUADRANGLE
IDAHO CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
115°07'30"
46°30'
T37N
3 mining test holes
Creek
"Camped at a small branch on the mountain near a round deep sinque hole full of water"
Whitehouse, 1805
NP81
killed a 3rd colt
"camped on this mountain at a small creek and dry pine timber"
Ordway, 1805
Mallickan Headstone
GBN-43.60
"old camp"
"Swampy Saddle"
2nd sink hole
"we hear wolves howling some distance ahead"
Ordway, 1805
17SEP1805 (Party)
NP80
1 760 000
FEET
5151
5150
5149
5148
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Map-030-LLT NHL
Holly Creek, DRG o46115d2
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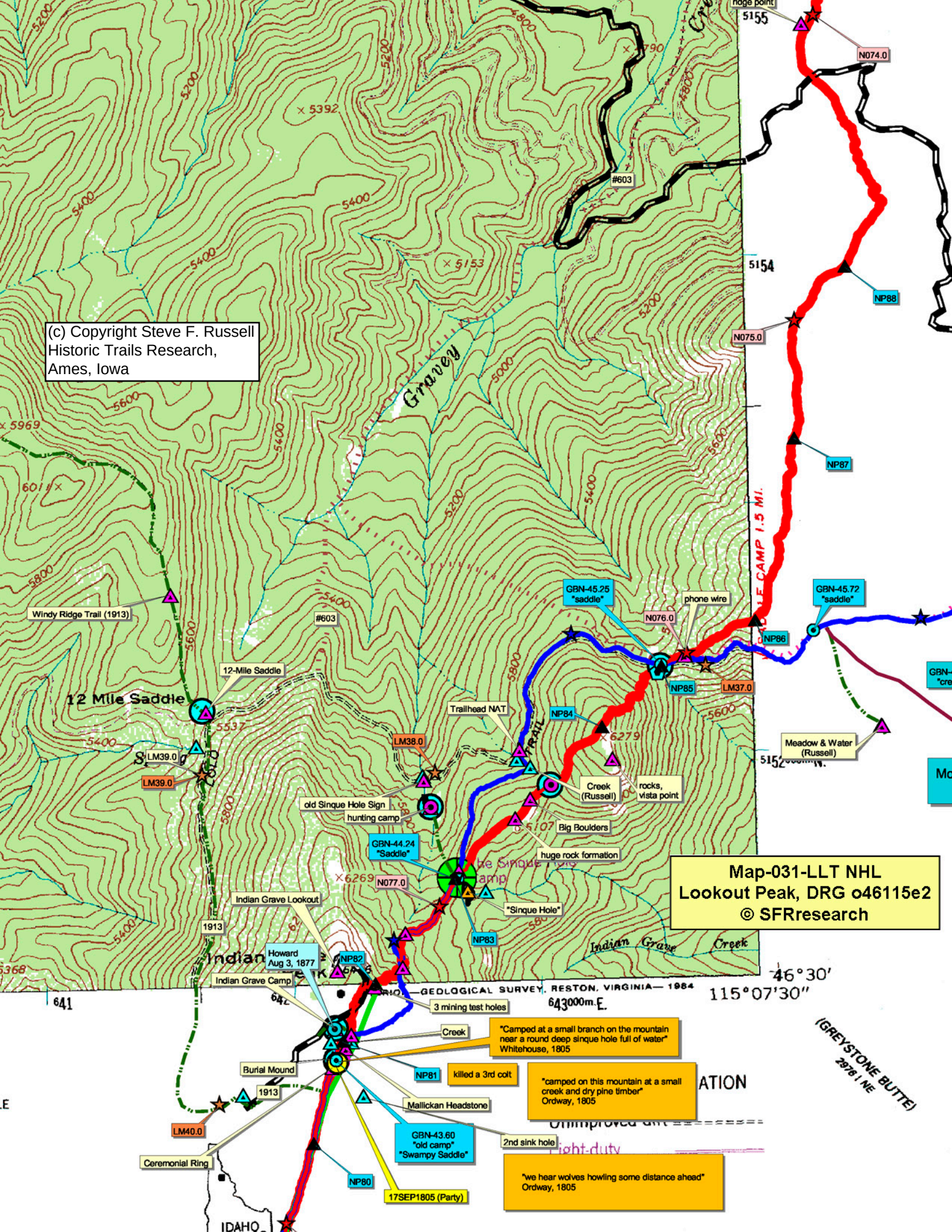
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Map-031-LLT NHL
Lookout Peak, DRG o46115e2
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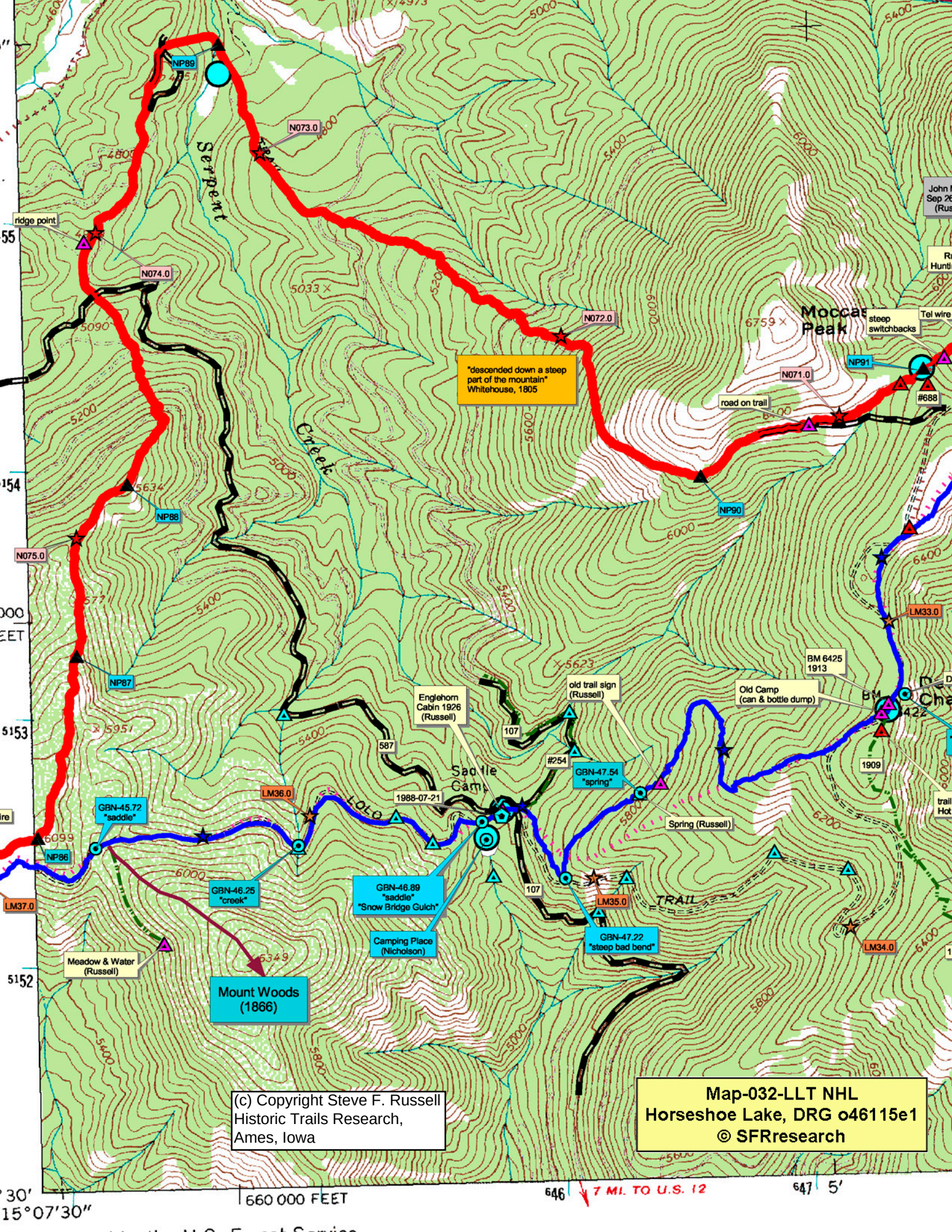
Windy Ridge Trail (1913)
12-Mile Saddle
12 Mile Saddle
LM39.0
LM40.0
1913
Burial Mound
Ceremonial Ring
Howard
Aug 3, 1877
Indian Grave Camp
Indian Grave Lookout
old Sinque Hole Sign
hunting camp
Trailhead NAT
LM38.0
GBN-44.24
"Saddle"
N077.0
"Sinque Hole"
NP83
NP82
NP81
NP80
3 mining test holes
Creek
killed a 3rd colt
Mallickan Headstone
2nd sink hole
GBN-43.60
"old camp"
"Swampy Saddle"
17SEP1805 (Party)
"Camped at a small branch on the mountain near a round deep sinque hole full of water"
Whitehouse, 1805
"camped on this mountain at a small creek and dry pine timber"
Ordway, 1805
"we hear wolves howling some distance ahead"
Ordway, 1805
Big Boulders
huge rock formation
Creek (Russell)
rocks, vista point
NP84
NP85
NP86
LM37.0
N076.0
phone wire
GBN-45.25
"saddle"
GBN-45.72
"saddle"
Meadow & Water (Russell)
N075.0
NP87
NP88
N074.0
#603
Gravey
Indian Grave Creek
IDAHO
GREYSTONE BUTTE
2978 I NE
46°30'
115°07'30"
643000m.E.
GEOLOGICAL SURVEY, RESTON, VIRGINIA— 1984


NP89
N073.0
Serpent Creek
ridge point
N074.0
5033
5090
5200
5634
NP88
N075.0
5771
5400
NP87
5951
5153
5400
587
Englehorn Cabin 1926 (Russell)
Saddle Camp
LM36.0
1988-07-21
Loto
GBN-45.72 "saddle"
6099
NP86
6000
GBN-46.25 "creek"
LM37.0
Meadow & Water (Russell)
6349
Mount Woods (1866)
5152
5400
5800
GBN-46.89 "saddle" "Snow Bridge Gulch"
Camping Place (Nicholson)
107
"descended down a steep part of the mountain" Whitehouse, 1805
N072.0
5200
6000
5600
5623
old trail sign (Russell)
107
#254
GBN-47.54 "spring"
Spring (Russell)
5800
LM35.0
GBN-47.22 "steep bad bend"
TRAIL
6759
Moccas Peak
steep switchbacks
Tel wire
NP91
N071.0
#688
road on trail
NP90
6000
6400
LM33.0
BM 6425 1913
Old Camp (can & bottle dump)
BM 6422
1909
6200
LM34.0
5800
5000
5400
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Ames, Iowa
Map-032-LLT NHL
Horseshoe Lake, DRG o46115e1
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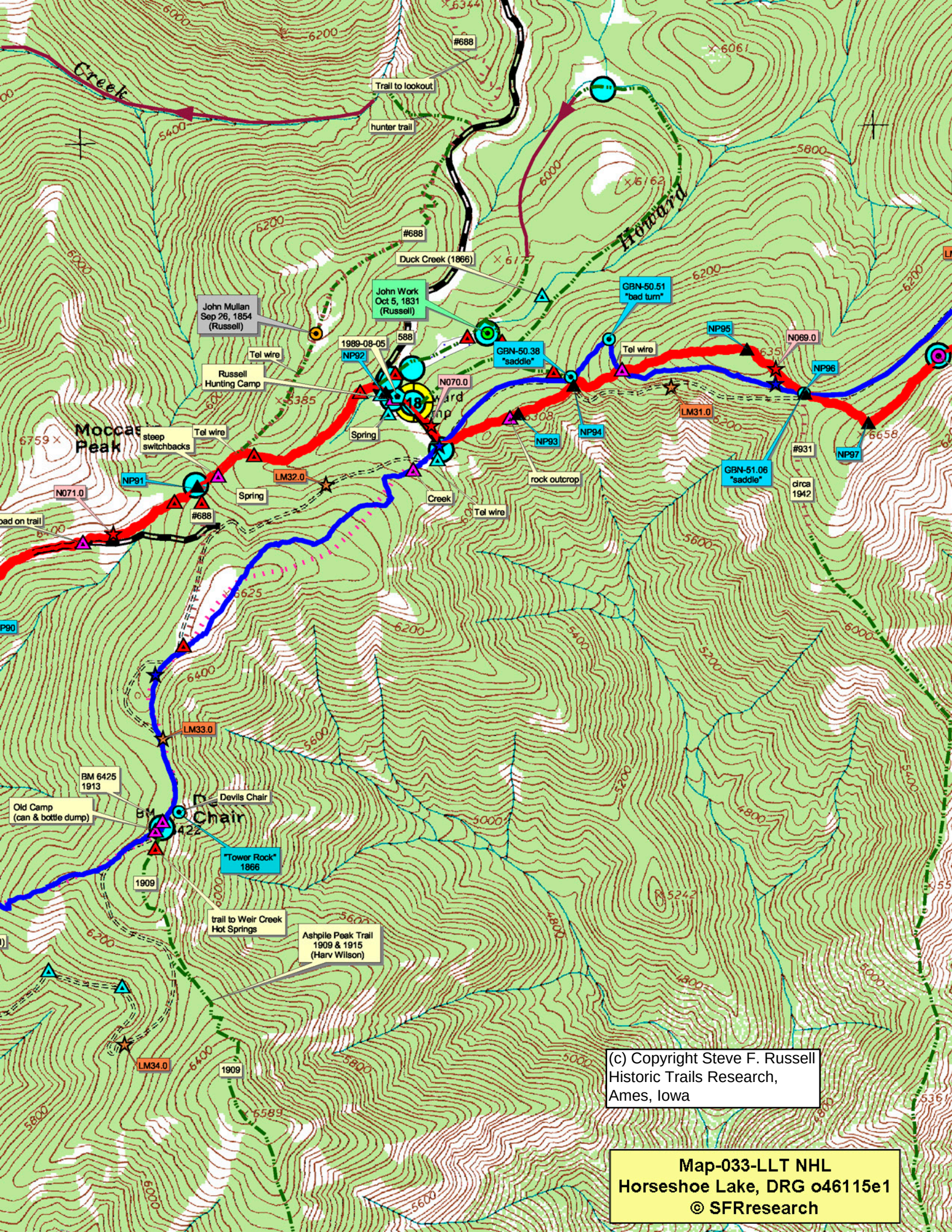
660 000 FEET
7 MI. TO U.S. 12
646
647
15°07'30"


Creek
#688
Trail to lookout
hunter trail
Howard
Duck Creek (1866)
John Work
Oct 5, 1831
(Russell)
John Mullan
Sep 26, 1854
(Russell)
588
1989-08-05
NP92
Tel wire
Russell
Hunting Camp
N070.0
Spring
GBN-50.38
"saddle"
GBN-50.51
"bad turn"
Tel wire
NP95
N069.0
NP96
LM31.0
NP93
NP94
rock outcrop
GBN-51.06
"saddle"
#931
circa
1942
NP97
Moccas
Peak
steep
switchbacks
Tel wire
NP91
LM32.0
Spring
N071.0
#688
Creek
Tel wire
LM33.0
BM 6425
1913
Devils Chair
Old Camp
(can & bottle dump)
"Tower Rock"
1866
1909
trail to Weir Creek
Hot Springs
Ashpile Peak Trail
1909 & 1915
(Harv Wilson)
LM34.0
1909
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Ames, Iowa
Map-033-LLT NHL
Horseshoe Lake, DRG o46115e1
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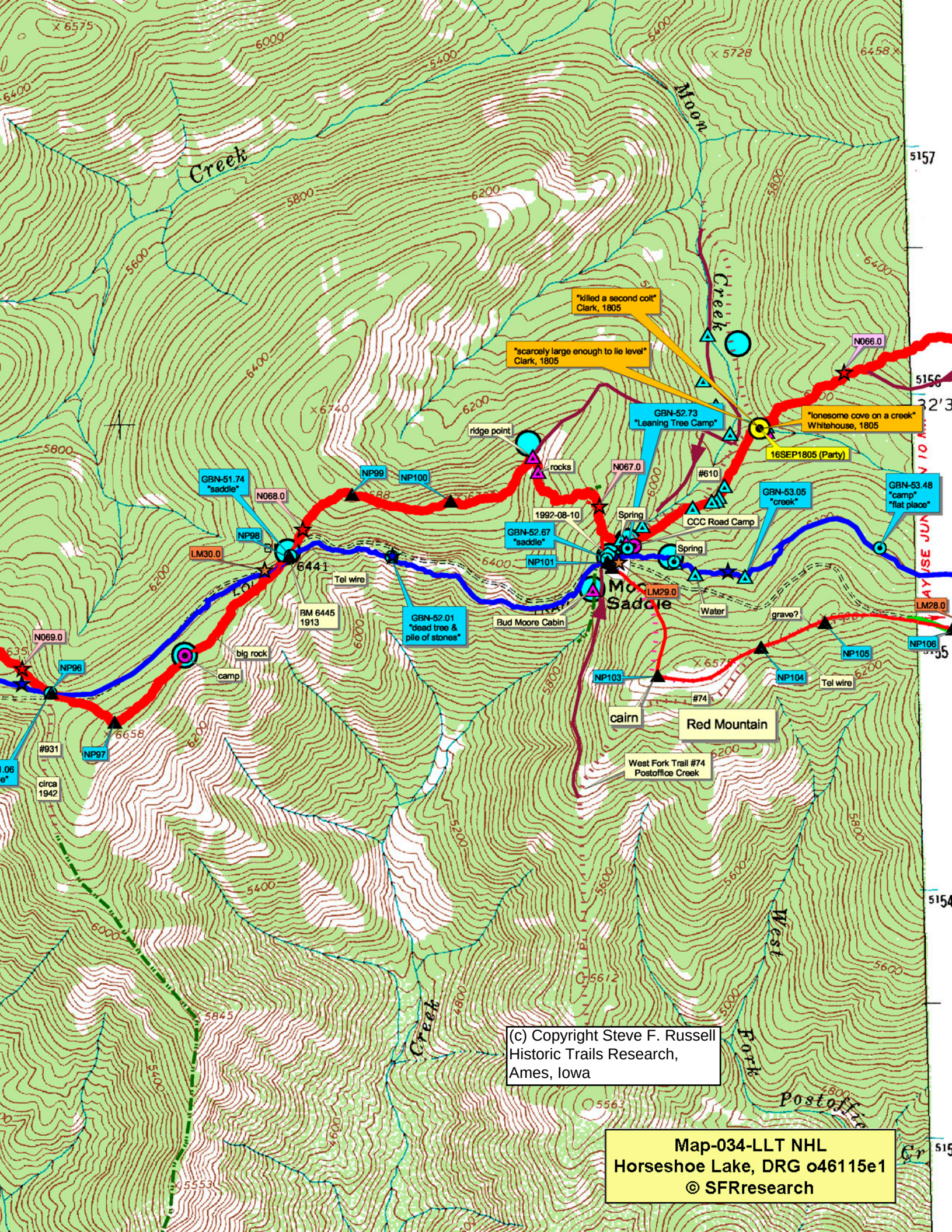
"killed a second colt"
Clark, 1805
"scarcely large enough to lie level"
Clark, 1805
"lonesome cove on a creek"
Whitehouse, 1805
16SEP1805 (Party)
GBN-52.73
"Leaning Tree Camp"
ridge point
rocks
N067.0
N066.0
#610
GBN-53.05
"creek"
GBN-53.48
"camp"
"flat place"
CCC Road Camp
Spring
1992-08-10
GBN-52.67
"saddle"
NP101
LM29.0
Saddle
Water
grave?
LM28.0
NP106
NP105
NP104
Tel wire
NP103
#74
cairn
Red Mountain
West Fork Trail #74
Postoffice Creek
Bud Moore Cabin
GBN-52.01
"dead tree &
pile of stones"
BM 6445
1913
Tel wire
big rock
camp
GBN-51.74
"saddle"
N068.0
NP99
NP100
NP98
LM30.0
6441
N069.0
NP96
#931
circa
1942
NP97
6658
Moon
Creek
West
Fork
Postoffice
Creek
5157
5156
5154
5155
5845
5553
5612
5563
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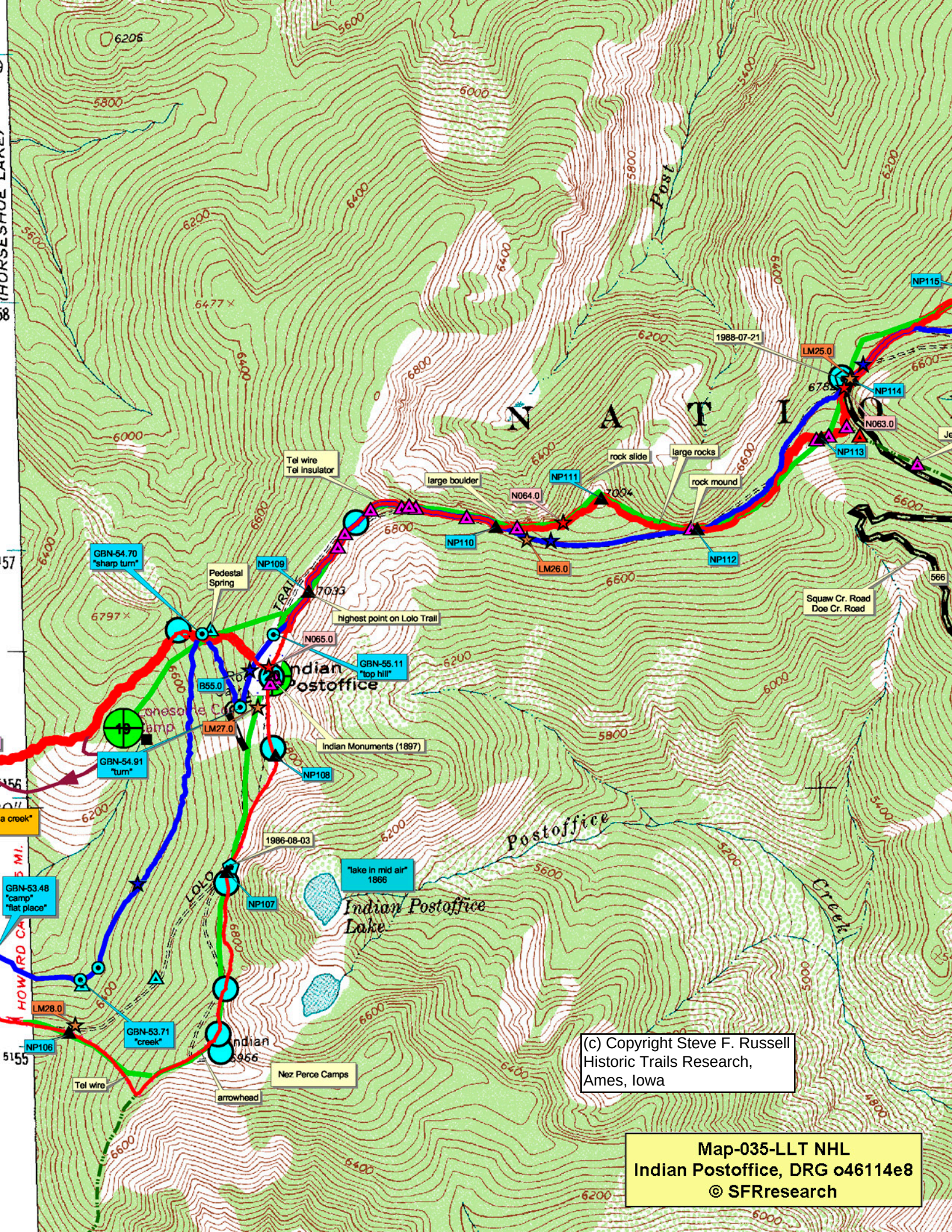
Tel wire
Tel insulator
large boulder
N064.0
NP111
rock slide
large rocks
rock mound
1988-07-21
LM25.0
NP115
NP114
N063.0
NP113
NP110
LM26.0
NP112
GBN-54.70
"sharp turn"
Pedestal
Spring
NP109
highest point on Lolo Trail
N065.0
GBN-55.11
"top hill"
B55.0
LM27.0
GBN-54.91
"turn"
Indian Monuments (1897)
NP108
1986-08-03
NP107
"lake in mid air"
1866
Indian Postoffice
Lake
Postoffice
Creek
GBN-53.48
"camp"
"flat place"
LM28.0
GBN-53.71
"creek"
NP106
Tel wire
arrowhead
Nez Perce Camps
Squaw Cr. Road
Doe Cr. Road
566
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Map-035-LLT NHL
Indian Postoffice, DRG o46114e8
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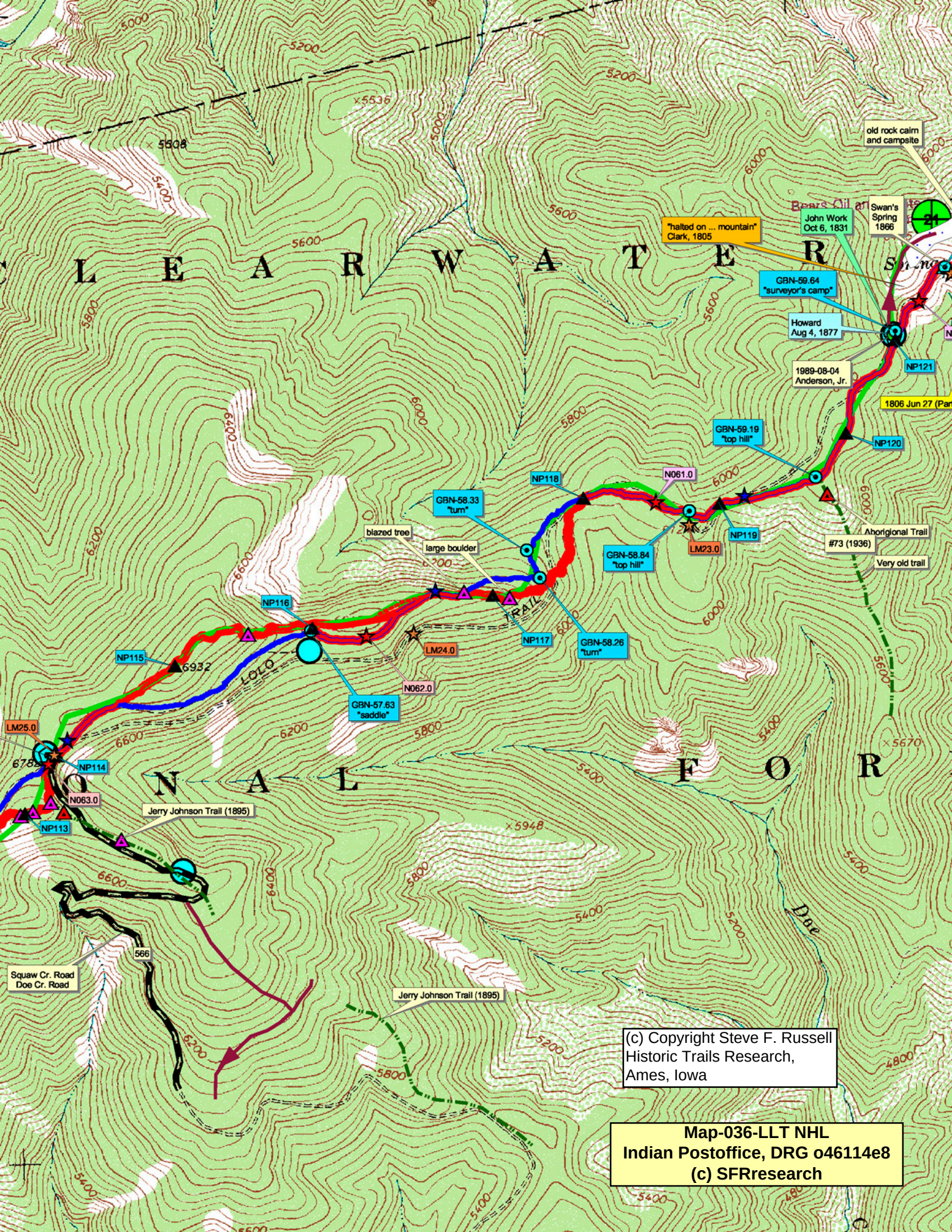
old rock cairn and campsite
Swan's Spring 1866
John Work Oct 6, 1831
"halted on ... mountain" Clark, 1805
GBN-59.64 "surveyor's camp"
Howard Aug 4, 1877
NP121
1989-08-04 Anderson, Jr.
1806 Jun 27 (Par
GBN-59.19 "top hill"
NP120
N061.0
NP118
GBN-58.33 "turn"
NP119
LM23.0
GBN-58.84 "top hill"
Aboriginal Trail #73 (1936)
Very old trail
blazed tree
large boulder
TRAIL
GBN-58.26 "turn"
NP117
NP116
LM24.0
N062.0
GBN-57.63 "saddle"
NP115
6932
LOLO
LM25.0
NP114
N063.0
NP113
Jerry Johnson Trail (1895)
566
Squaw Cr. Road
Doe Cr. Road
Jerry Johnson Trail (1895)
Doe
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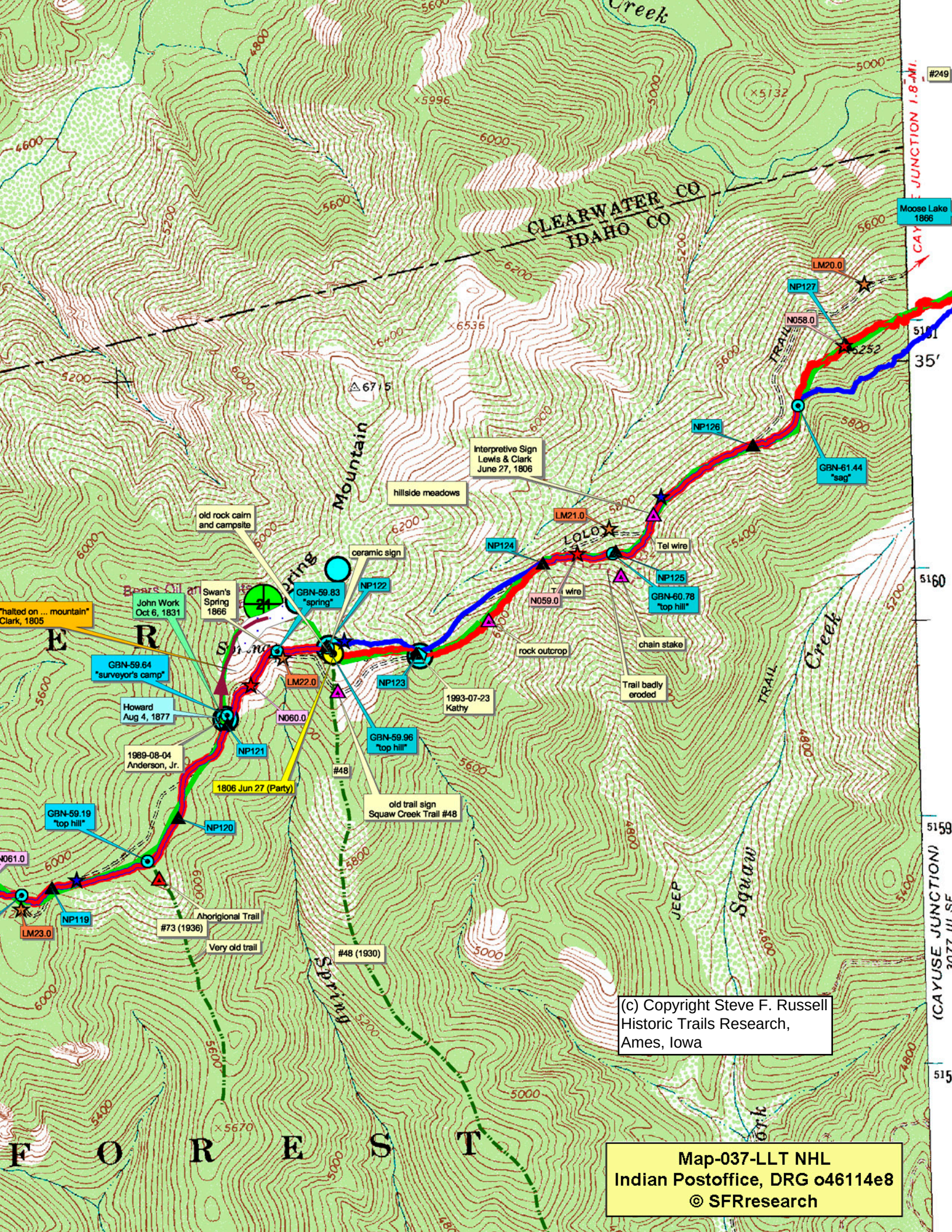
CLEARWATER CO
IDAHO CO
Moose Lake
1866
LM20.0
NP127
N058.0
NP126
GBN-61.44
"sag"
Interpretive Sign
Lewis & Clark
June 27, 1806
hillside meadows
LM21.0
LOLO
NP124
Tel wire
NP125
GBN-60.78
"top hill"
N059.0
rock outcrop
chain stake
Trail badly
eroded
1993-07-23
Kathy
old rock cairn
and campsite
ceramic sign
NP122
GBN-59.83
"spring"
Swan's
Spring
1866
John Work
Oct 6, 1831
"halted on ... mountain"
Clark, 1805
GBN-59.64
"surveyor's camp"
LM22.0
NP123
Howard
Aug 4, 1877
N060.0
NP121
1989-08-04
Anderson, Jr.
GBN-59.96
"top hill"
#48
1806 Jun 27 (Party)
old trail sign
Squaw Creek Trail #48
GBN-59.19
"top hill"
NP120
N061.0
NP119
LM23.0
Aborigional Trail
#73 (1936)
Very old trail
#48 (1930)
Mountain
Spring
Creek
TRAIL
JEEP
Squaw
(CAYUSE JUNCTION)
#249
JUNCTION 1.8 MI.
35'
5160
5159
5158
F O R E S T
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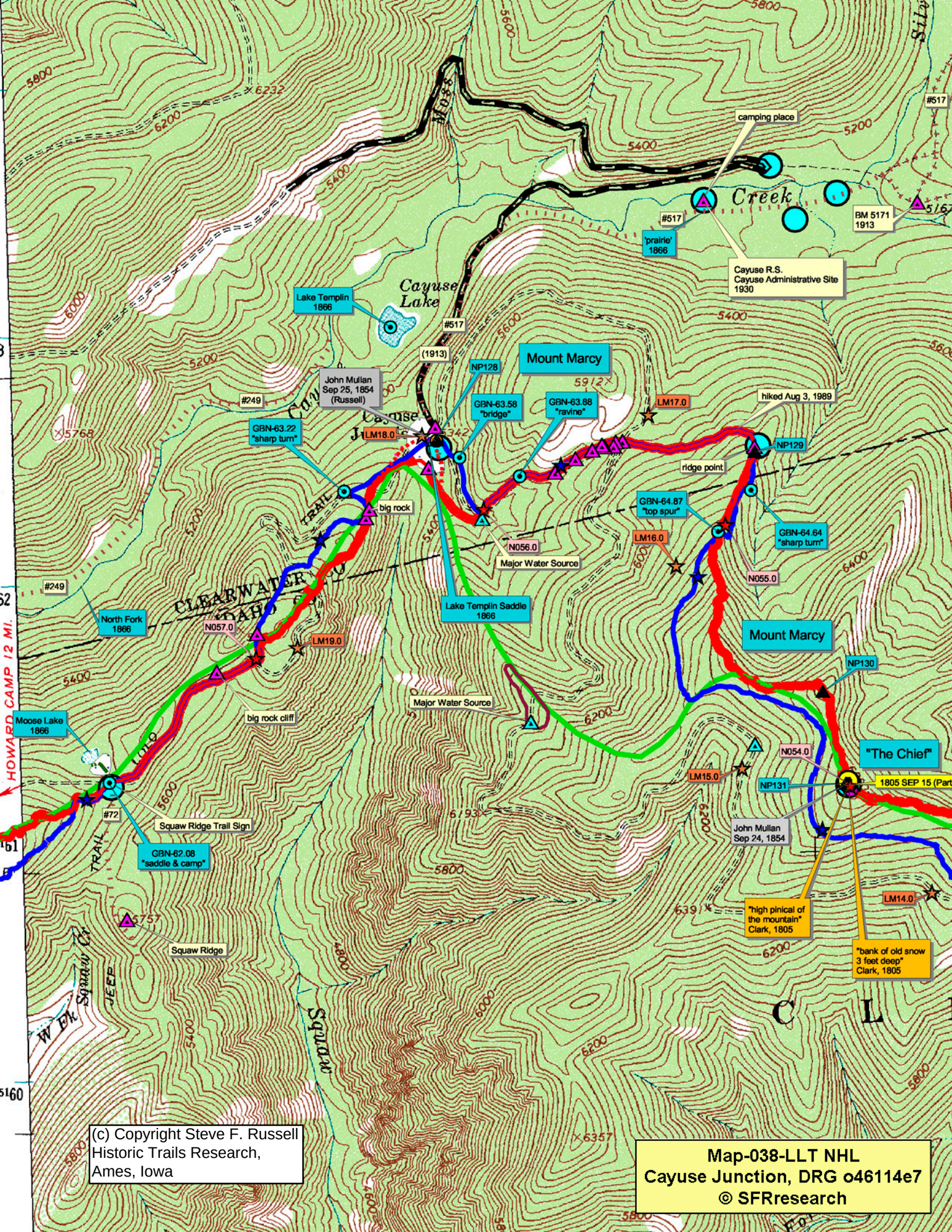

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Cayuse Junction, DRG o46114e7
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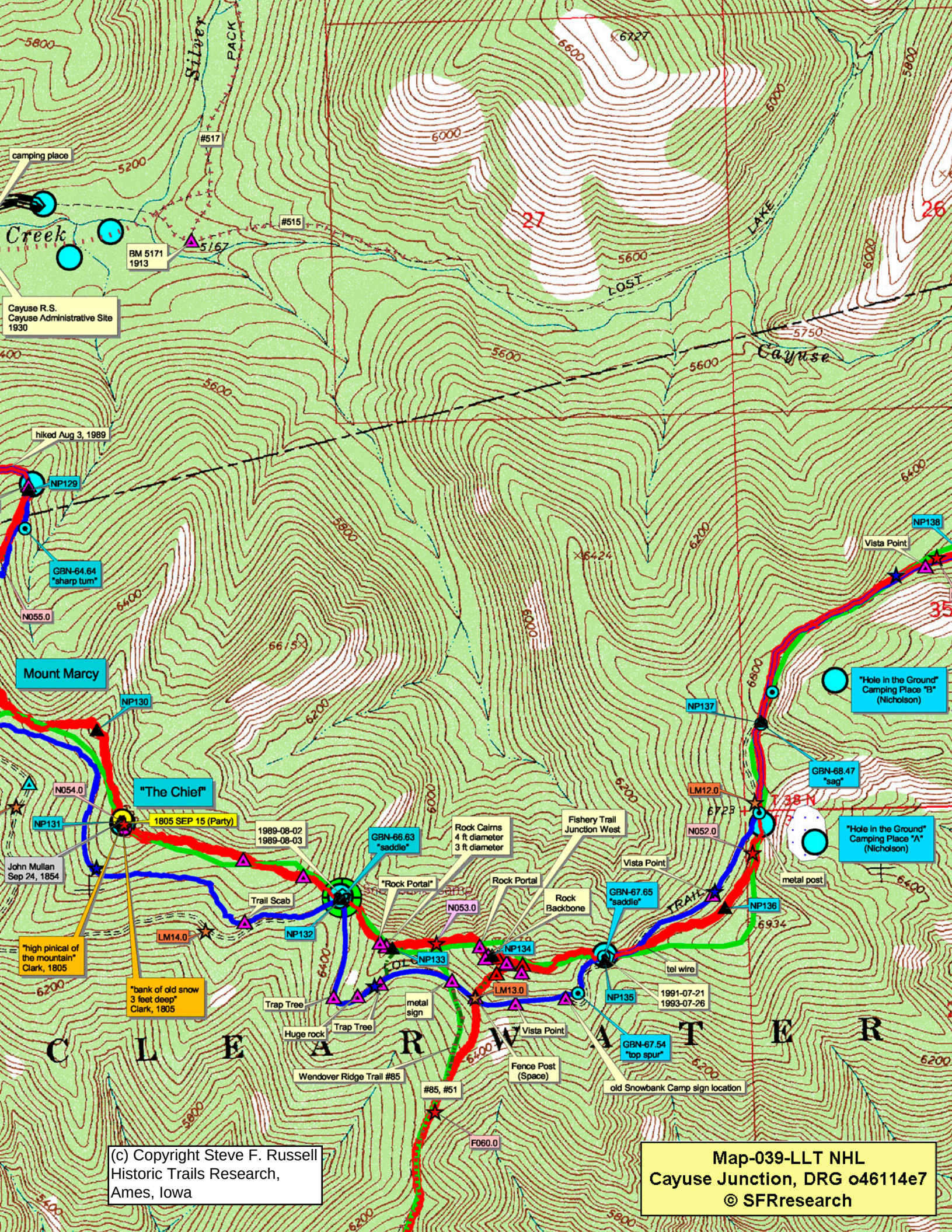

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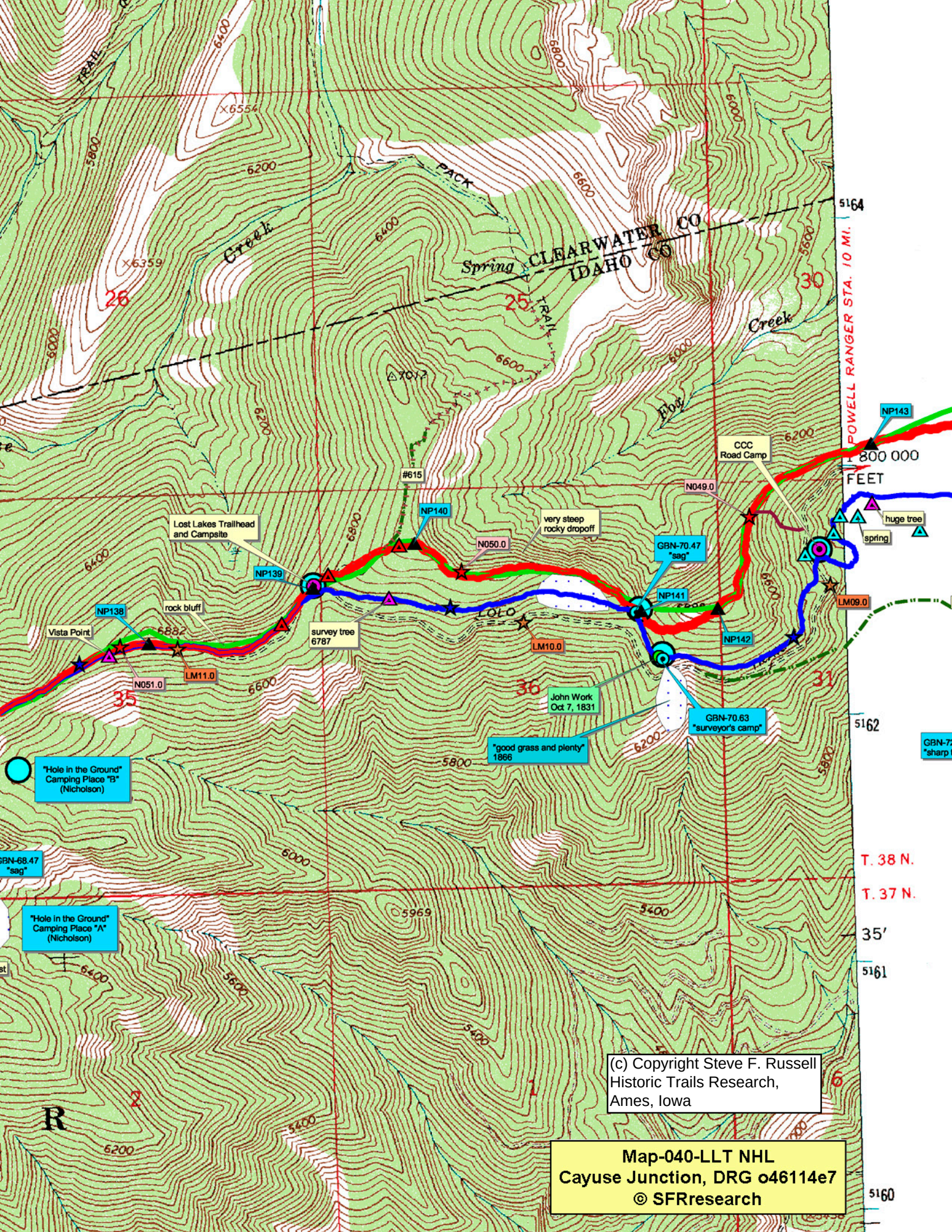
Lost Lakes Trailhead and Campsite
NP139
NP138
rock bluff
Vista Point
6882
N051.0
LM11.0
survey tree 6787
#615
NP140
very steep rocky dropoff
N050.0
GBN-70.47 "sag"
NP141
LM10.0
NP142
N049.0
CCC Road Camp
NP143
huge tree
spring
LM09.0
John Work Oct 7, 1831
"good grass and plenty" 1866
GBN-70.63 "surveyor's camp"
"Hole in the Ground" Camping Place "B" (Nicholson)
"Hole in the Ground" Camping Place "A" (Nicholson)
GBN-68.47 "sag"
CLEARWATER CO
IDAHO CO
POWELL RANGER STA. 10 MI.
1 800 000 FEET
T. 38 N.
T. 37 N.
35'
5164
5162
5161
5160
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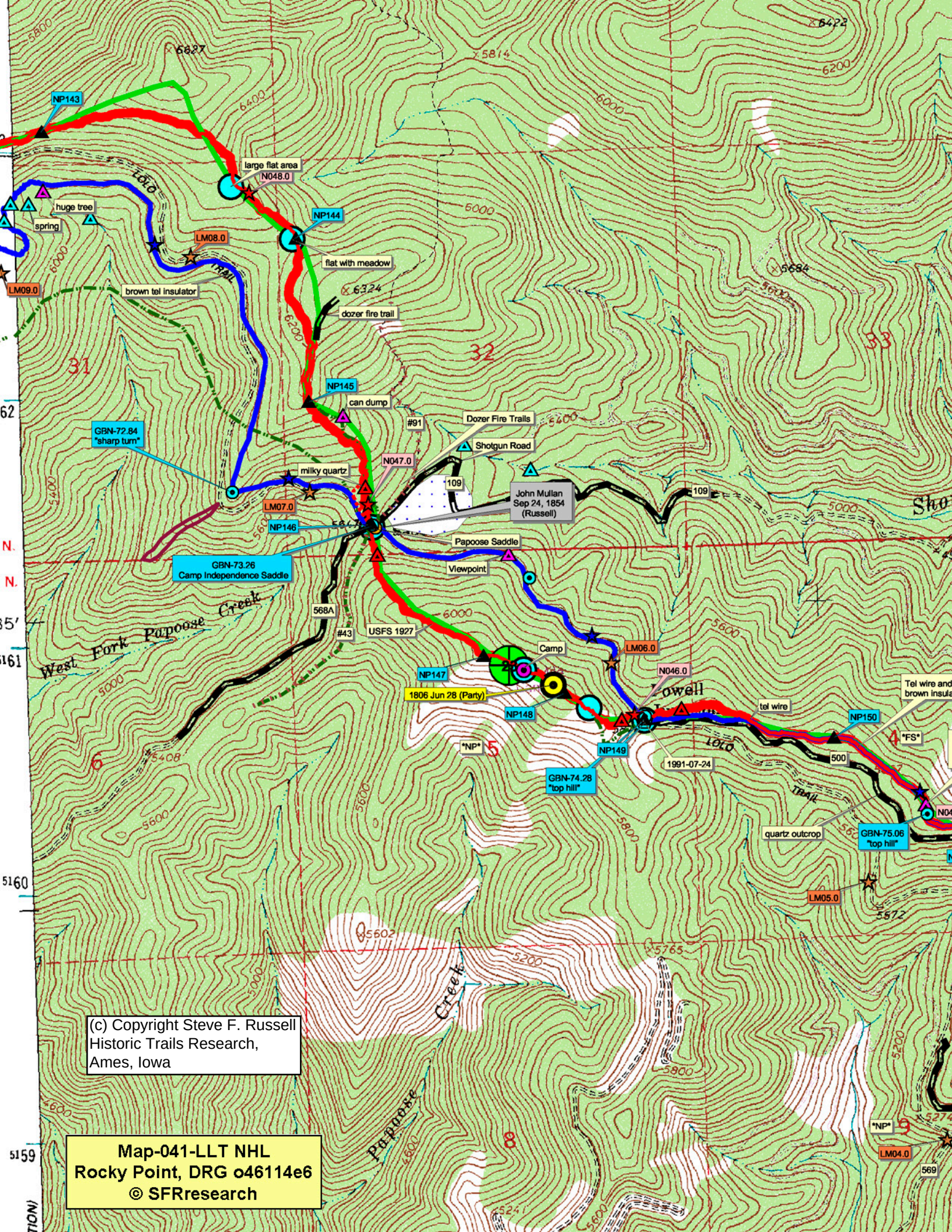
NP143
large flat area
N048.0
huge tree
spring
LM08.0
NP144
flat with meadow
LM09.0
brown tel insulator
dozer fire trail
NP145
can dump
#91
Dozer Fire Trails
Shotgun Road
GBN-72.84
"sharp turn"
milky quartz
N047.0
109
John Mullan
Sep 24, 1854
(Russell)
LM07.0
NP146
Papoose Saddle
Viewpoint
GBN-73.26
Camp Independence Saddle
568A
#43
USFS 1927
West Fork Papoose Creek
Camp
LM06.0
NP147
1806 Jun 28 (Party)
N046.0
NP148
tel wire
NP150
NP
NP149
1991-07-24
500
FS
GBN-74.28
"top hill"
quartz outcrop
GBN-75.06
"top hill"
LM05.0
Papoose Creek
NP
LM04.0
569
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Rocky Point, DRG o46114e6
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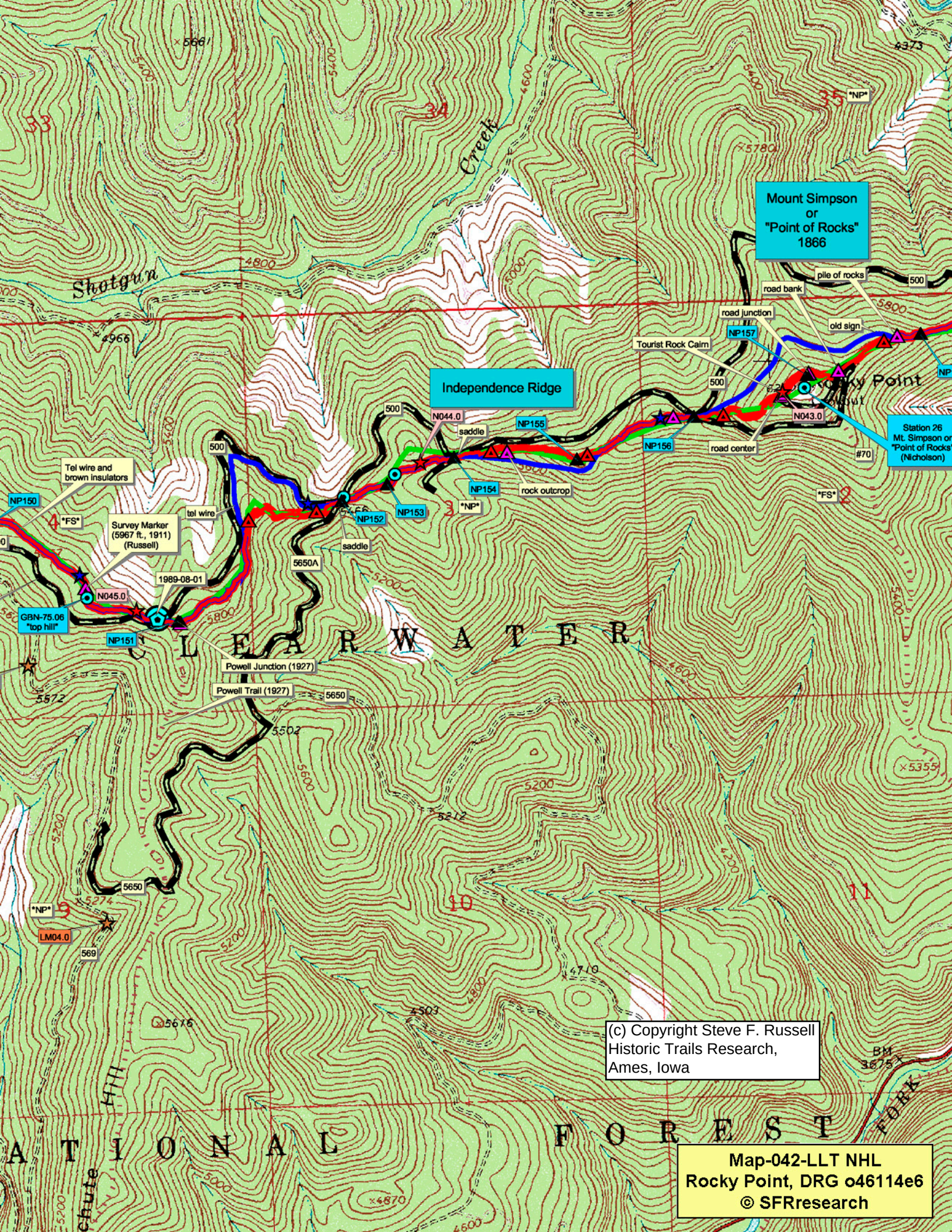
Mount Simpson
or
"Point of Rocks"
1866
Independence Ridge
Shotgun
Creek
pile of rocks
road bank
road junction
old sign
Tourist Rock Cairn
NP157
NP155
NP156
NP154
NP153
NP152
NP151
NP150
N044.0
N043.0
N045.0
saddle
rock outcrop
road center
Station 26
Mt. Simpson or
"Point of Rocks"
(Nicholson)
#70
Tel wire and
brown insulators
tel wire
Survey Marker
(5967 ft., 1911)
(Russell)
1989-08-01
GBN-75.06
"top hill"
5650A
Powell Junction (1927)
Powell Trail (1927)
LM04.0
569
NP
FS
500
5650
5200
5400
5600
5800
4800
5000
4600
5212
5274
5572
5502
5355
4710
4503
5675
4870
4373
5780
5661
4966
6241
BM
3675
CLEARWATER
NATIONAL FOREST
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Rocky Point, DRG o46114e6
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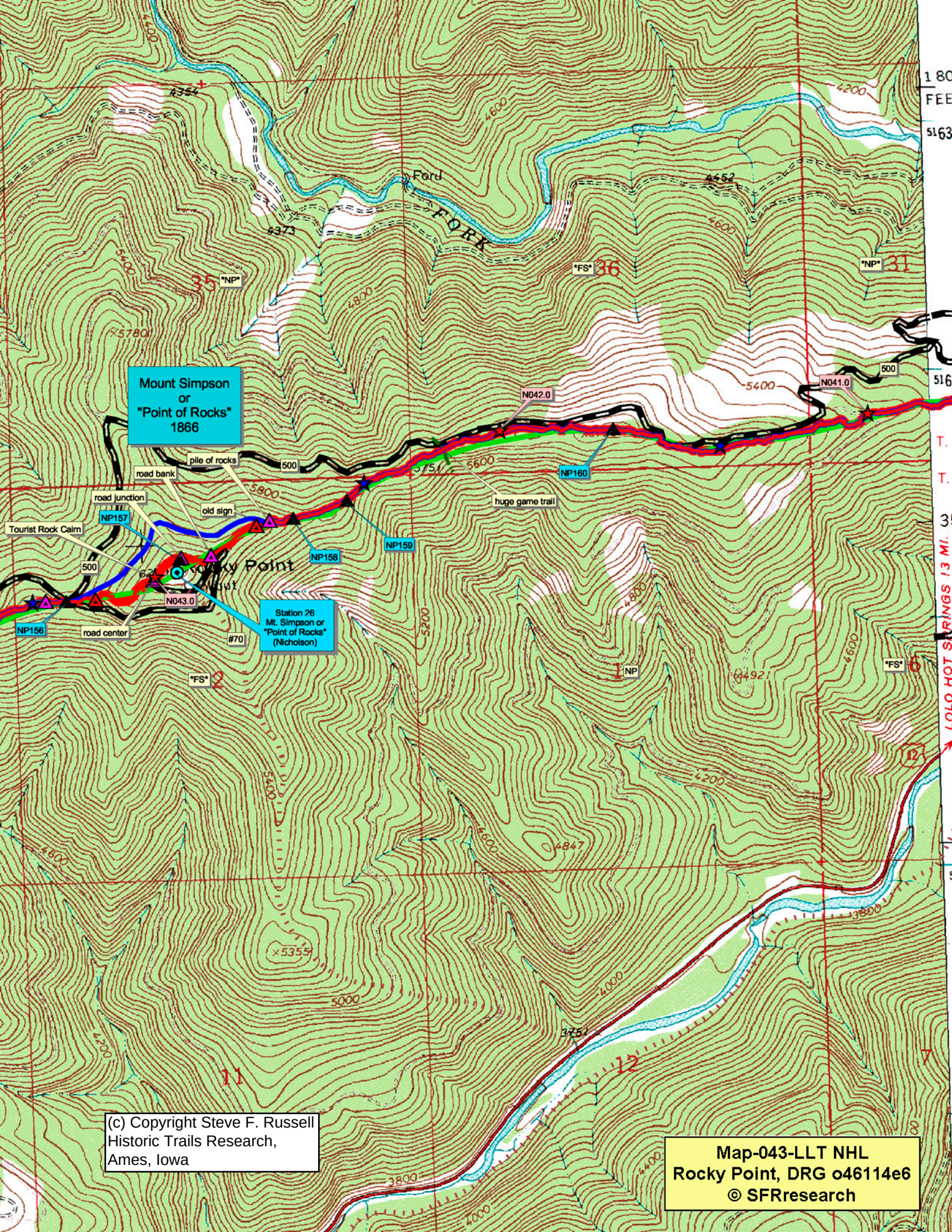
Mount Simpson
or
"Point of Rocks"
1866
pile of rocks
road bank
road junction
old sign
Tourist Rock Cairn
NP157
NP156
NP158
NP159
NP160
N042.0
N041.0
N043.0
huge game trail
road center
Station 26
Mt. Simpson or
"Point of Rocks"
(Nicholson)
#70
500
NP
FS
NP
Ford
FORK
Rocky Point
LOLO HOT SPRINGS 13 MI.
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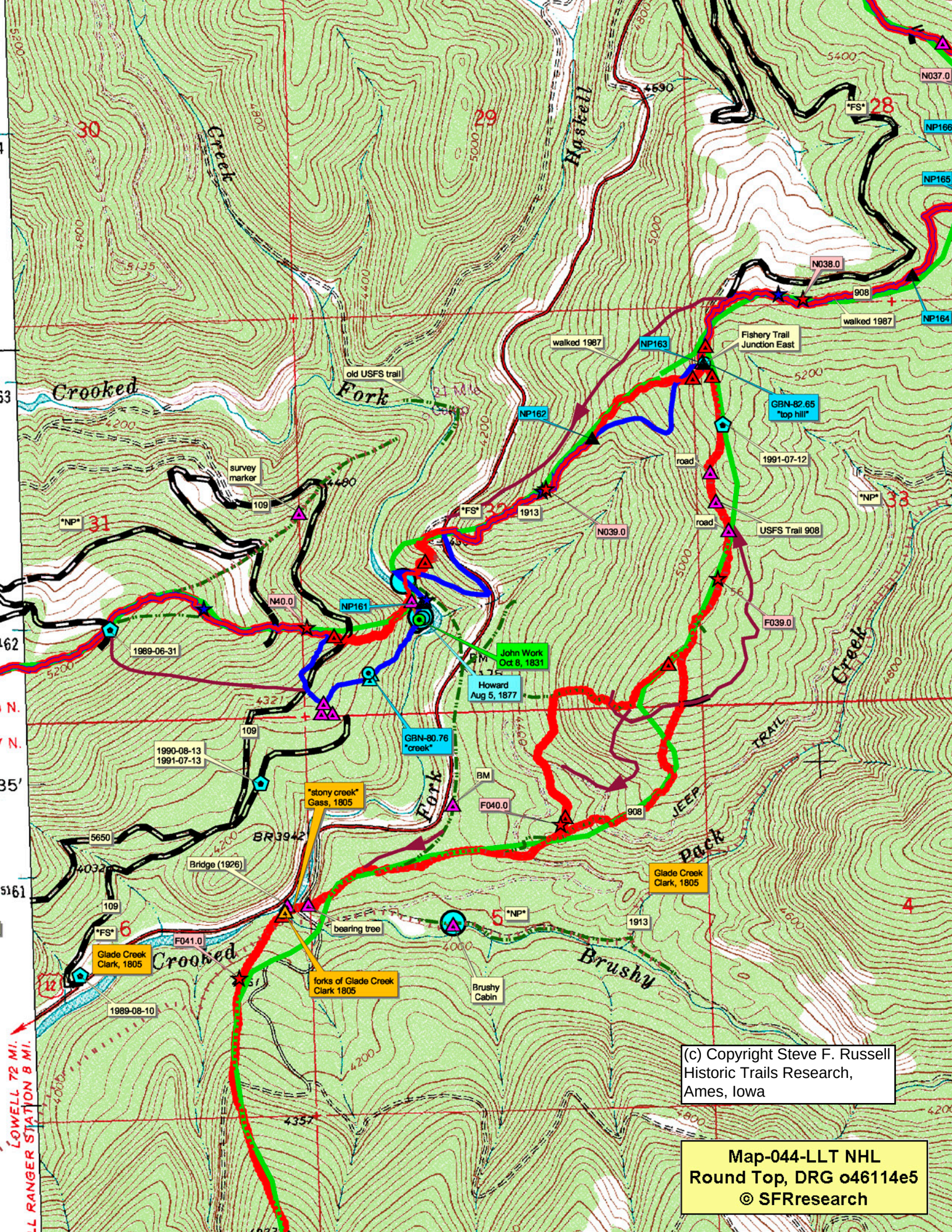
Crooked Fork to Lolo Hot Springs



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Round Top, DRG o46114e5
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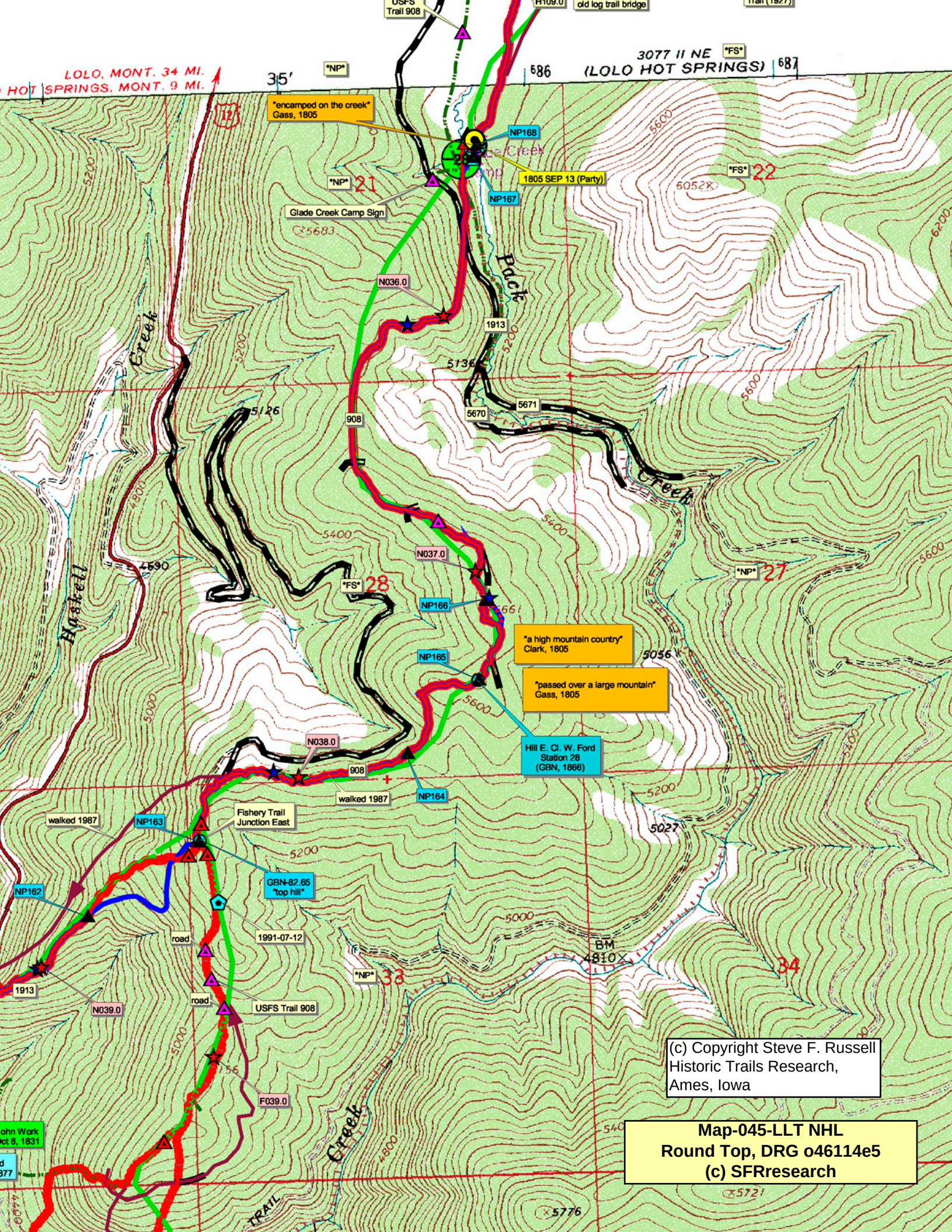
"encamped on the creek"
Gass, 1805
NP168
1805 SEP 13 (Party)
NP167
Glade Creek Camp Sign
N036.0
1913
908
N037.0
NP166
"a high mountain country"
Clark, 1805
NP165
"passed over a large mountain"
Gass, 1805
Hill E. Cl. W. Ford
Station 28
(GBN, 1866)
N038.0
908
walked 1987
NP164
walked 1987
NP163
Fishery Trail
Junction East
GBN-82.65
"top hill"
NP162
road
1991-07-12
road
USFS Trail 908
1913
N039.0
F039.0
LOLO, MONT. 34 MI.
HOT SPRINGS, MONT. 9 MI.
3077 II NE
(LOLO HOT SPRINGS)
Packer Creek
Haskell Creek
Trail
BM
4810
5027
5056
5126
5136
5670
5671
4590
5776
5721
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N032.0
"ascended a high mountain"
Whitehouse, 1805
Wagon
Mountain
NP173
"over a mountain"
Clark, 1805
NP172
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end of 1913 road
corduroy
bridge
Railroad Survey Camp
old camps
H111.0
N033.0
small meadow
ridge point
file in tree
(Russell)
NP171
2001-07-09
#295
Lee Ridge Trail
Lolo Pass (1805)
NP170
H110.43
BM 5254 (1913)
N033.67
"crossed the dividing ridge"
Whitehouse, 1805
1991-07-11
N034.0
Nez Perce
Traditional
Campsite
MEADOWS
ROAD
373
H110.0
John Mullan
Sep 23, 1854
(Russell)
Lewis & Clark
small creek from the left
Sep 14, 1805
NP169
John Work
Oct 9-12, 1831
(Russell)
Pond
NP
Pond (1990)
(Russell)
Takon Creek Camp
Station 29
(GBN, 1866)
State Line
Cabin
Lolo Pass
BM
5235
FS
373
373
old trail
5670
N035.0
old road bridge
Livestock Camps
(Russell)
Trail (1913)
bridge
old trail bridge
old log trail bridge
H109.0
USFS
Trail 908
Trail (1927)
FS
NP
"encamped on the creek"
Gass, 1805
NP168
1805 SEP 13 (Party)
NP167
Glade Creek Camp Sign
NP
FS
Map-046-LLT NHL
Lolo Hot Springs, DRG o46114f5
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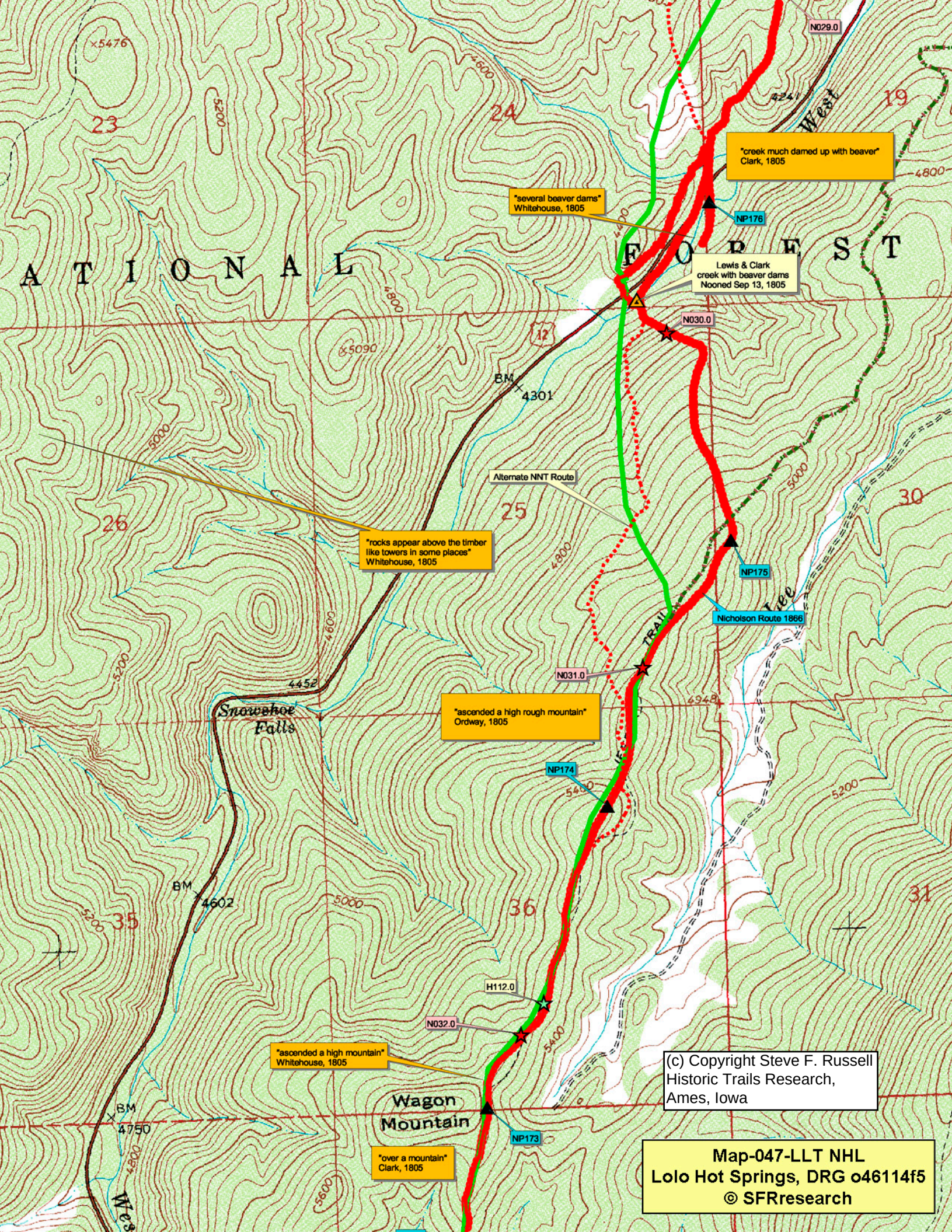
(ROUNDTOP)
3077 II SE
SCALE 1:24 000
1 MILE
7000 FEET
1 KILOMETER
32'30"
West
Fork
Creek
Pack
MONTANA
IDAHO
NATIONAL
WATER


N029.0
"creek much damed up with beaver"
Clark, 1805
"several beaver dams"
Whitehouse, 1805
NP176
Lewis & Clark
creek with beaver dams
Nooned Sep 13, 1805
N030.0
BM
4301
Alternate NNT Route
"rocks appear above the timber
like towers in some places"
Whitehouse, 1805
NP175
Nicholson Route 1866
N031.0
"ascended a high rough mountain"
Ordway, 1805
Snowshoe
Falls
4452
NP174
BM
4602
H112.0
N032.0
"ascended a high mountain"
Whitehouse, 1805
Wagon
Mountain
NP173
BM
4750
"over a mountain"
Clark, 1805
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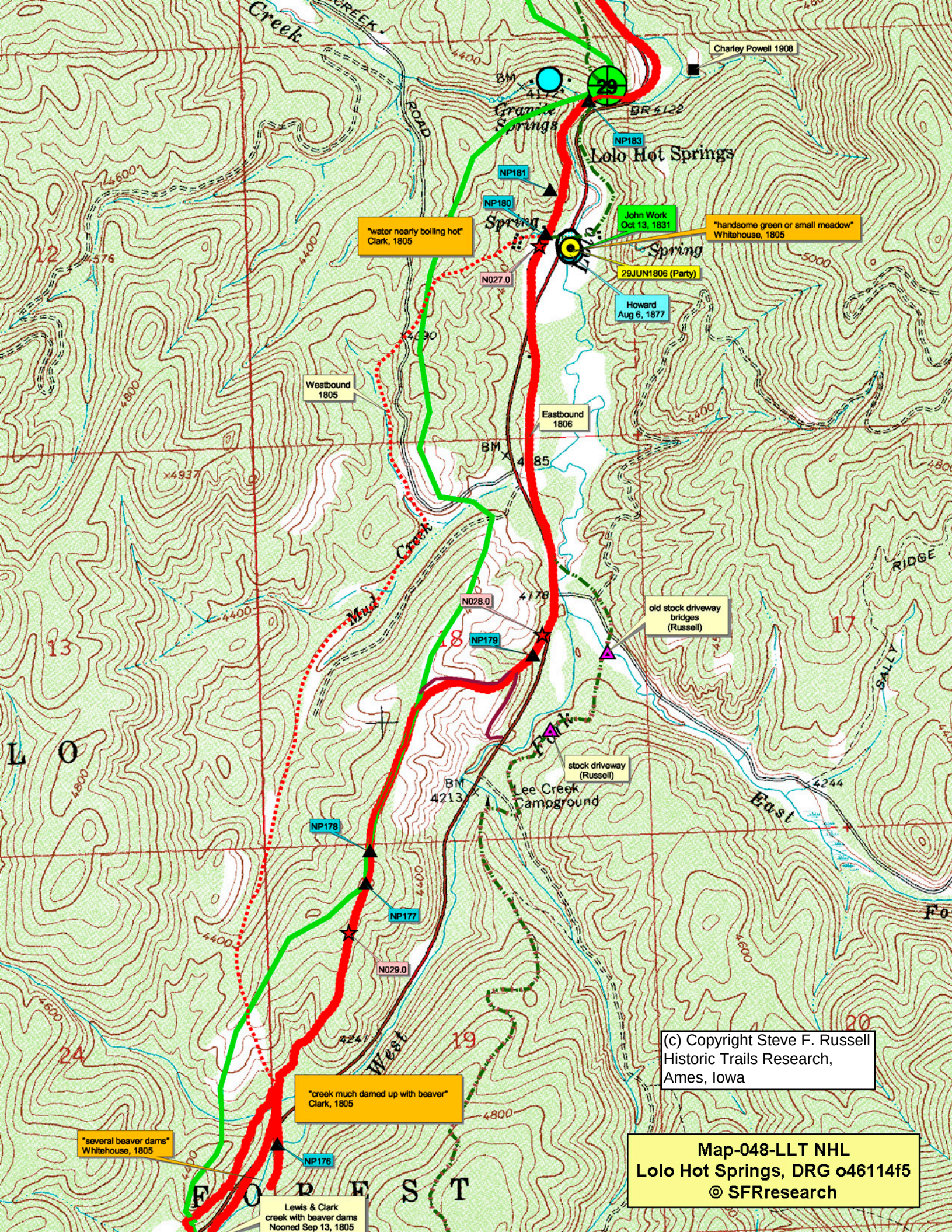
Charley Powell 1908
Lolo Hot Springs
NP183
NP181
NP180
"water nearly boiling hot"
Clark, 1805
John Work
Oct 13, 1831
"handsome green or small meadow"
Whitehouse, 1805
29JUN1806 (Party)
Howard
Aug 6, 1877
N027.0
Westbound
1805
Eastbound
1806
N028.0
NP179
old stock driveway
bridges
(Russell)
stock driveway
(Russell)
Lee Creek
Campground
NP178
NP177
N029.0
"creek much damed up with beaver"
Clark, 1805
"several beaver dams"
Whitehouse, 1805
NP176
Lewis & Clark
creek with beaver dams
Nooned Sep 13, 1805
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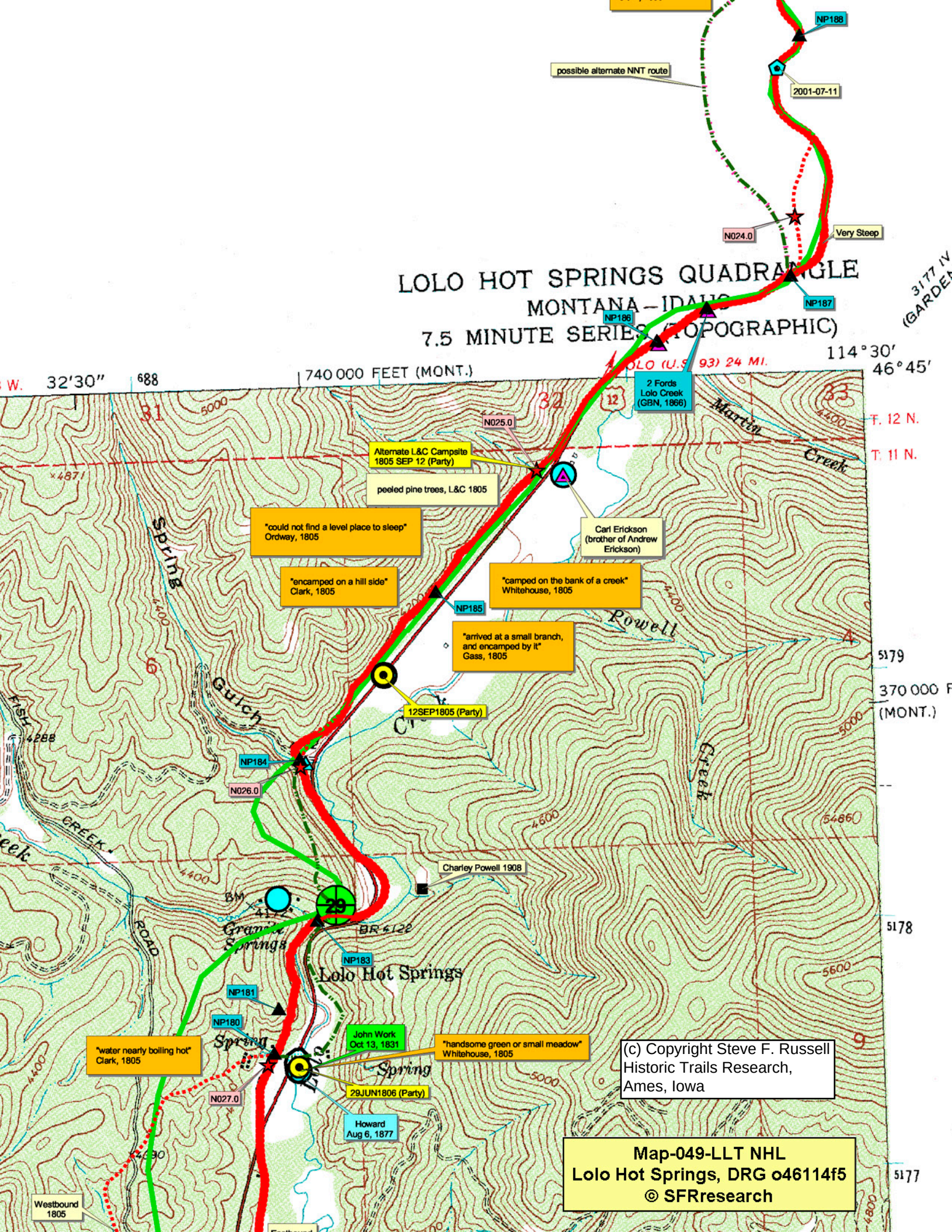
Lolo Hot Springs to Lolo, Montana


LOLO HOT SPRINGS QUADRANGLE
MONTANA–IDAHO
7.5 MINUTE SERIES (TOPOGRAPHIC)
740 000 FEET (MONT.)
114°30′
46°45′
NP188
possible alternate NNT route
2001-07-11
N024.0
Very Steep
NP187
NP186
2 Fords
Lolo Creek
(GBN, 1866)
N025.0
Alternate L&C Campsite
1805 SEP 12 (Party)
peeled pine trees, L&C 1805
Carl Erickson
(brother of Andrew
Erickson)
"could not find a level place to sleep"
Ordway, 1805
"encamped on a hill side"
Clark, 1805
"camped on the bank of a creek"
Whitehouse, 1805
NP185
"arrived at a small branch,
and encamped by it"
Gass, 1805
12SEP1805 (Party)
NP184
N026.0
Charley Powell 1908
Lolo Hot Springs
NP183
NP181
NP180
John Work
Oct 13, 1831
"handsome green or small meadow"
Whitehouse, 1805
"water nearly boiling hot"
Clark, 1805
N027.0
29JUN1806 (Party)
Howard
Aug 6, 1877
Westbound
1805
Martin Creek
Powell Creek
Spring Gulch
Fish Creek
Granite Springs
BR 4122
T. 12 N.
T. 11 N.
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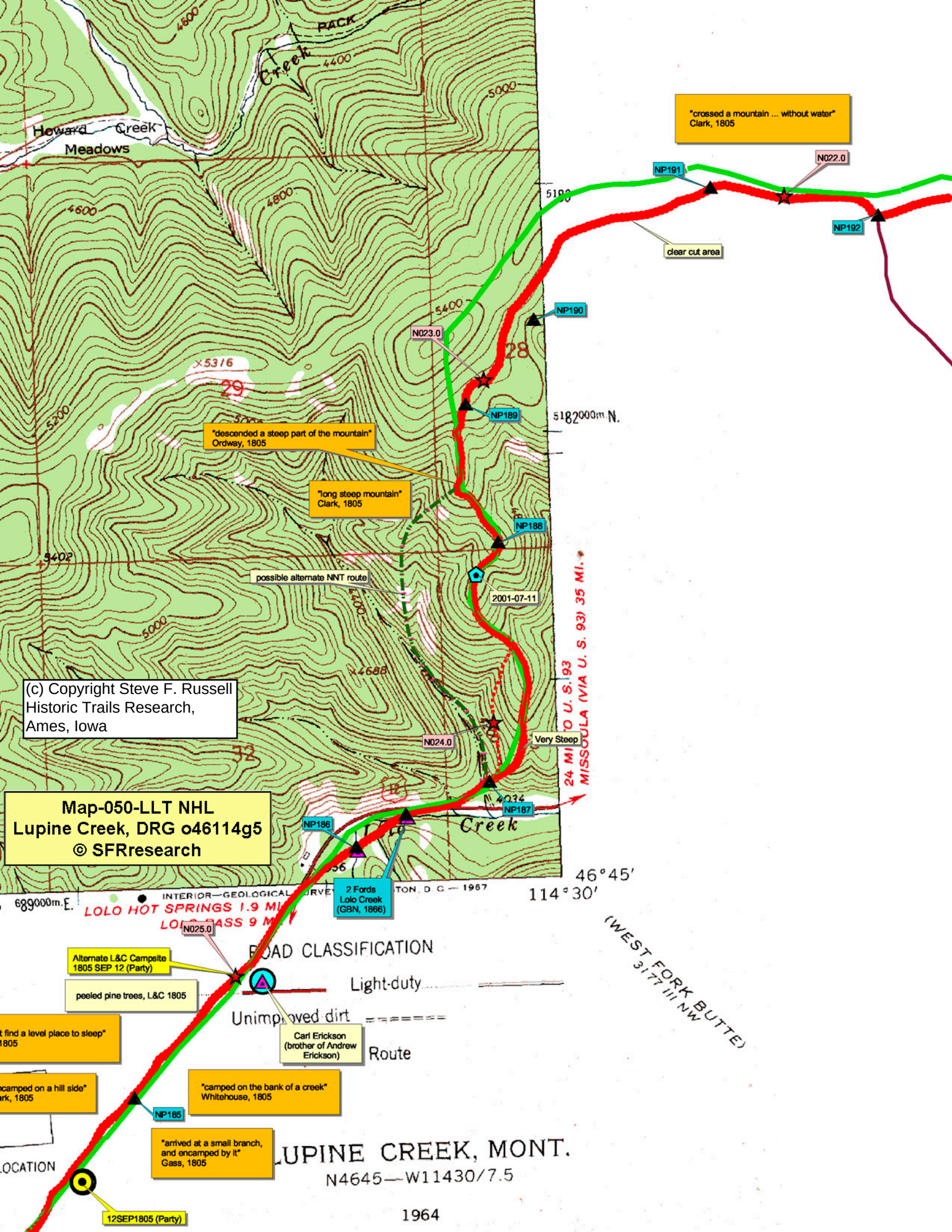
"crossed a mountain ... without water"
Clark, 1805
N022.0
NP191
NP192
clear cut area
NP190
N023.0
NP189
"descended a steep part of the mountain"
Ordway, 1805
"long steep mountain"
Clark, 1805
NP188
possible alternate NNT route
2001-07-11
N024.0
Very Steep
NP187
NP186
2 Fords
Lolo Creek
(GBN, 1866)
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Map-050-LLT NHL
Lupine Creek, DRG o46114g5
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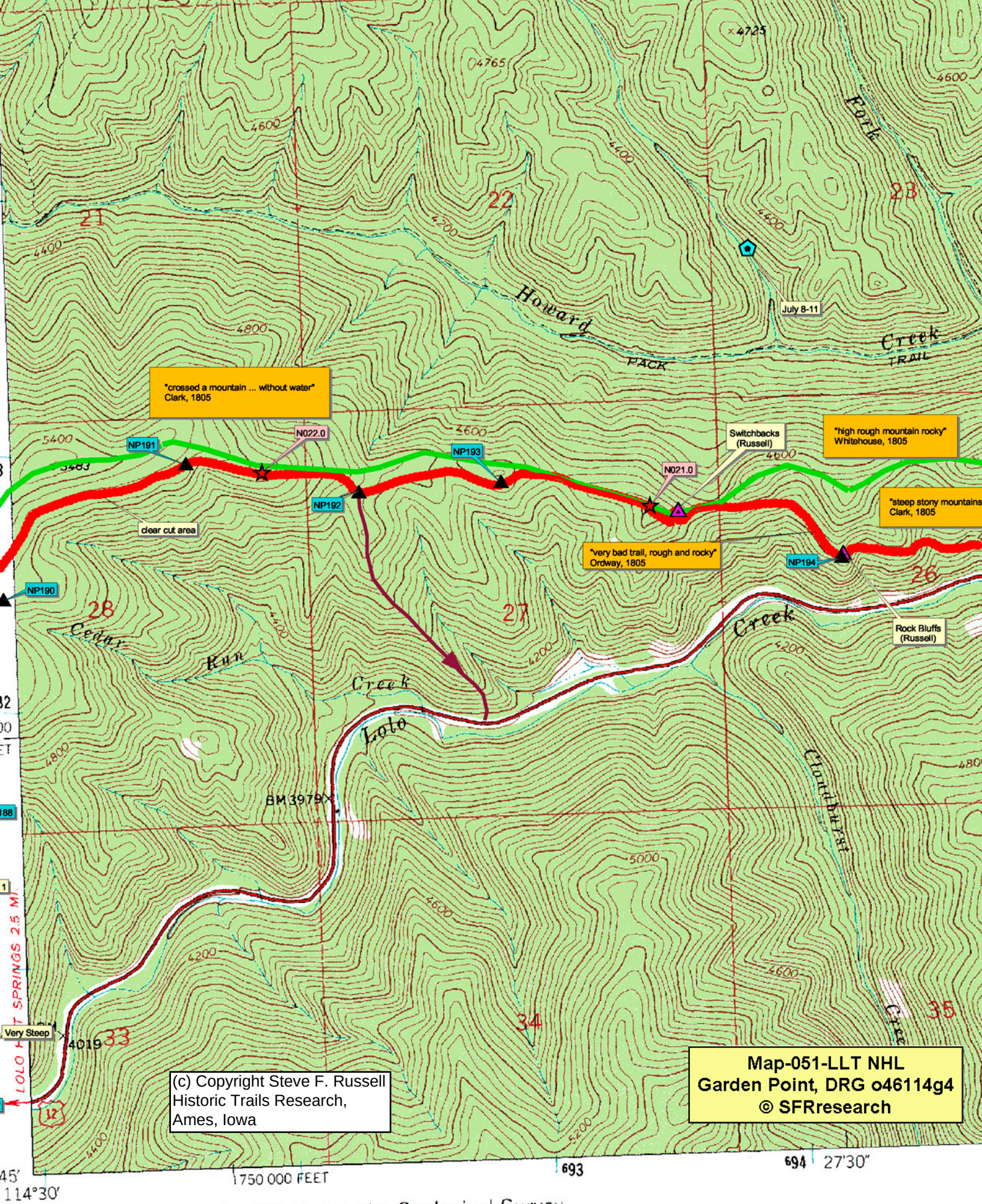
N025.0
Alternate L&C Campsite
1805 SEP 12 (Party)
peeled pine trees, L&C 1805
"camped on the bank of a creek"
Whitehouse, 1805
NP185
"arrived at a small branch,
and encamped by it"
Gass, 1805
12SEP1805 (Party)
Howard Creek
Meadows
PACK
Creek
LOLO HOT SPRINGS 1.9 MI
ROAD CLASSIFICATION
Light-duty
Unimproved dirt
Route
Carl Erickson
(brother of Andrew
Erickson)
LUPINE CREEK, MONT.
N4645—W11430/7.5
1964
46°45'
114°30'
5182000m N.
689000m E.
(WEST FORK BUTTE)


"crossed a mountain ... without water"
Clark, 1805
N022.0
NP191
NP193
NP192
N021.0
Switchbacks
(Russell)
"high rough mountain rocky"
Whitehouse, 1805
"steep stony mountains
Clark, 1805
clear cut area
"very bad trail, rough and rocky"
Ordway, 1805
NP194
NP190
Rock Bluffs
(Russell)
July 8-11
Howard
PACK
TRAIL
Creek
Cedar
Run
Creek
Lolo
Creek
BM 3979
Very Steep
4019
LOLO HOT SPRINGS 2.5 MI.
Map-051-LLT NHL
Garden Point, DRG o46114g4
© SFRresearch
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Historic Trails Research,
Ames, Iowa
1750 000 FEET
693
694
27'30"
114°30'
Mapped, edited, and published by the Geological Survey
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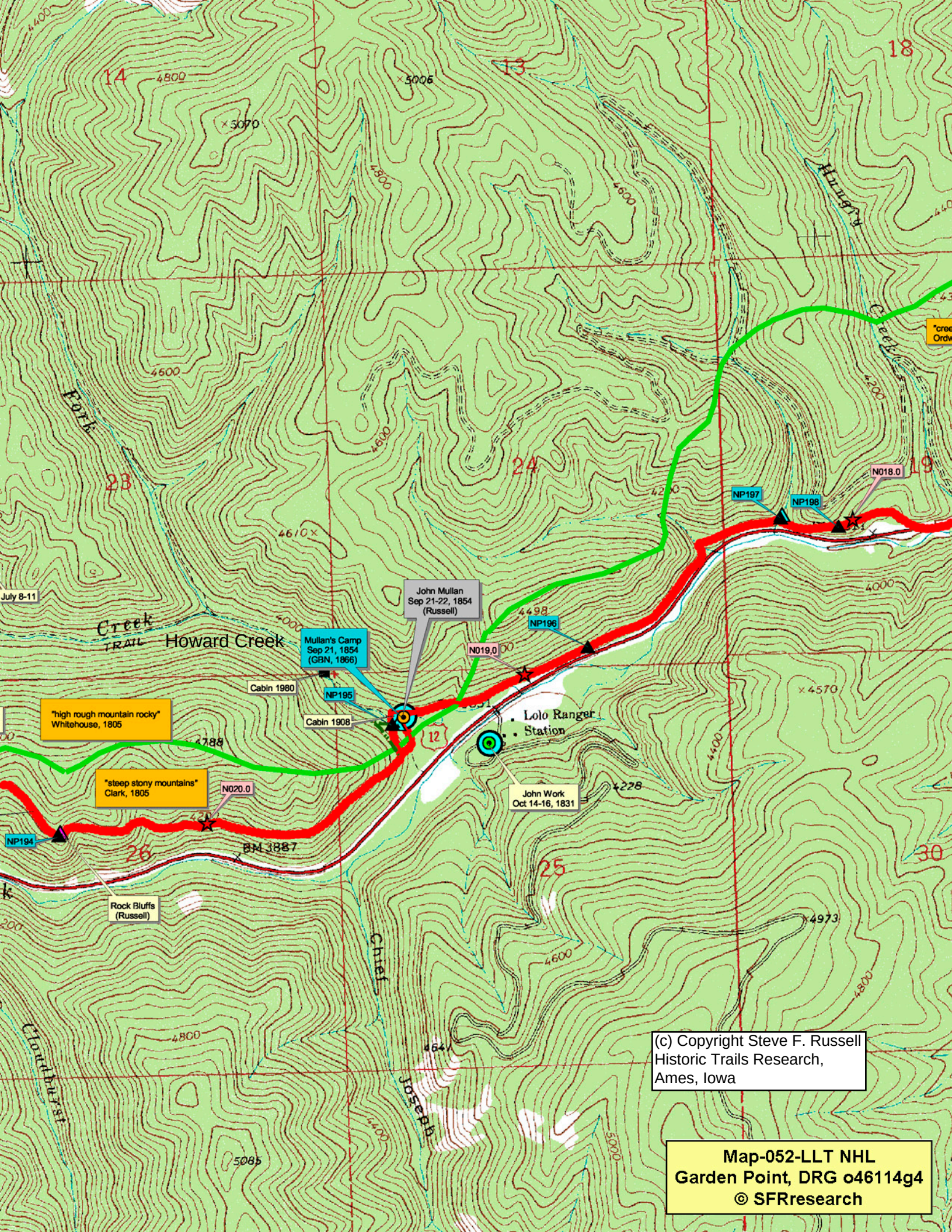
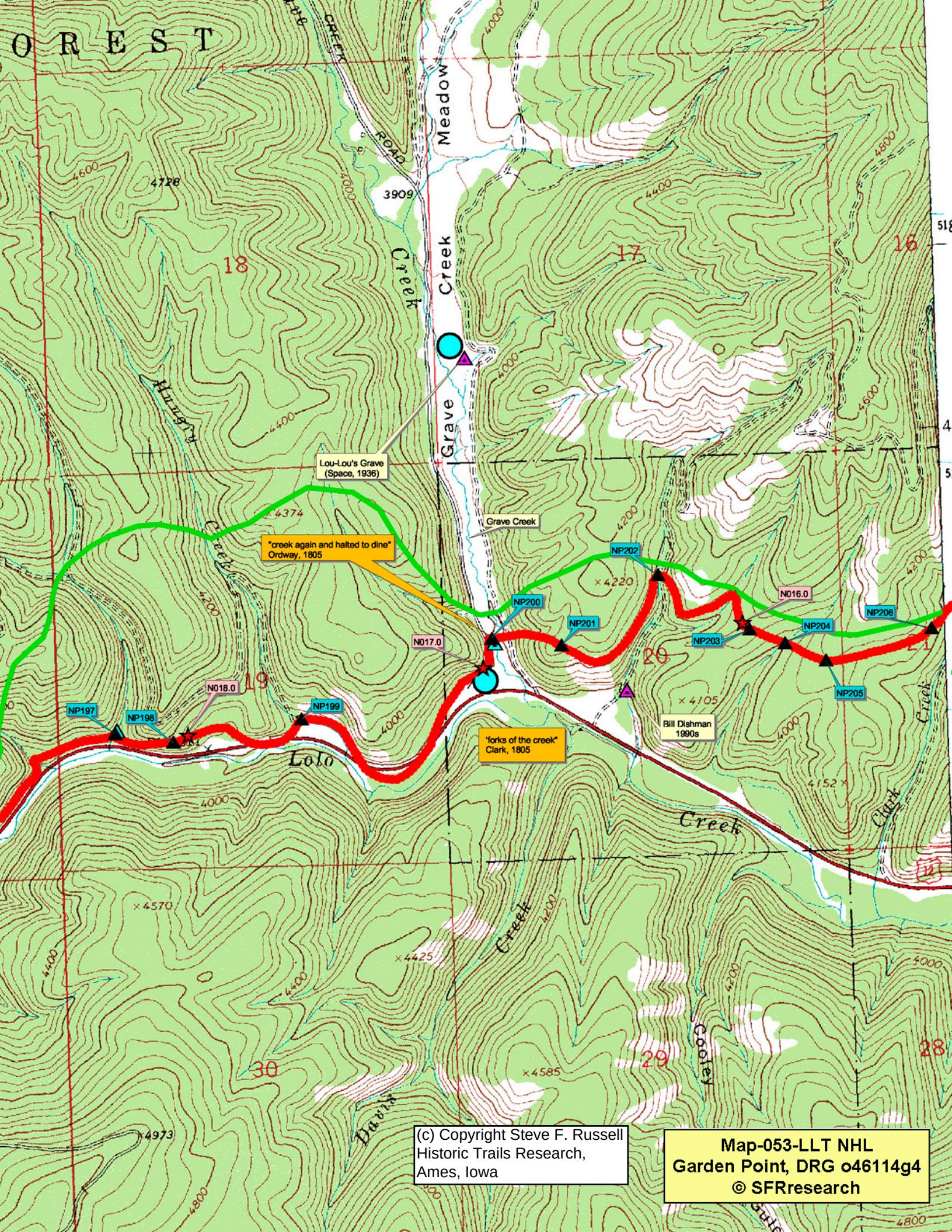
1000


July 8-11
Howard Creek
Creek
TRAIL
Mullan's Camp
Sep 21, 1854
(GBN, 1866)
John Mullan
Sep 21-22, 1854
(Russell)
Cabin 1980
Cabin 1908
NP195
NP196
N019.0
NP197
NP198
N018.0
"high rough mountain rocky"
Whitehouse, 1805
"steep stony mountains"
Clark, 1805
N020.0
NP194
Rock Bluffs
(Russell)
Lolo Ranger
Station
John Work
Oct 14-16, 1831
BM 3887
Fork
Chief
Joseph
Cloudburst
Hungry
(c) Copyright Steve F. Russell
Historic Trails Research,
Ames, Iowa
Map-052-LLT NHL
Garden Point, DRG o46114g4
© SFRresearch


Lou-Lou's Grave
(Space, 1936)
Grave Creek
"creek again and halted to dine"
Ordway, 1805
'forks of the creek"
Clark, 1805
Bill Dishman
1990s
N016.0
N017.0
N018.0
NP197
NP198
NP199
NP200
NP201
NP202
NP203
NP204
NP205
NP206
Lolo
Hungry
Meadow
Grave Creek
Cooley
Creek
ROAD
3909
4728
4374
4220
4105
4152
4570
4425
4585
4973
(c) Copyright Steve F. Russell
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Ames, Iowa
Map-053-LLT NHL
Garden Point, DRG o46114g4
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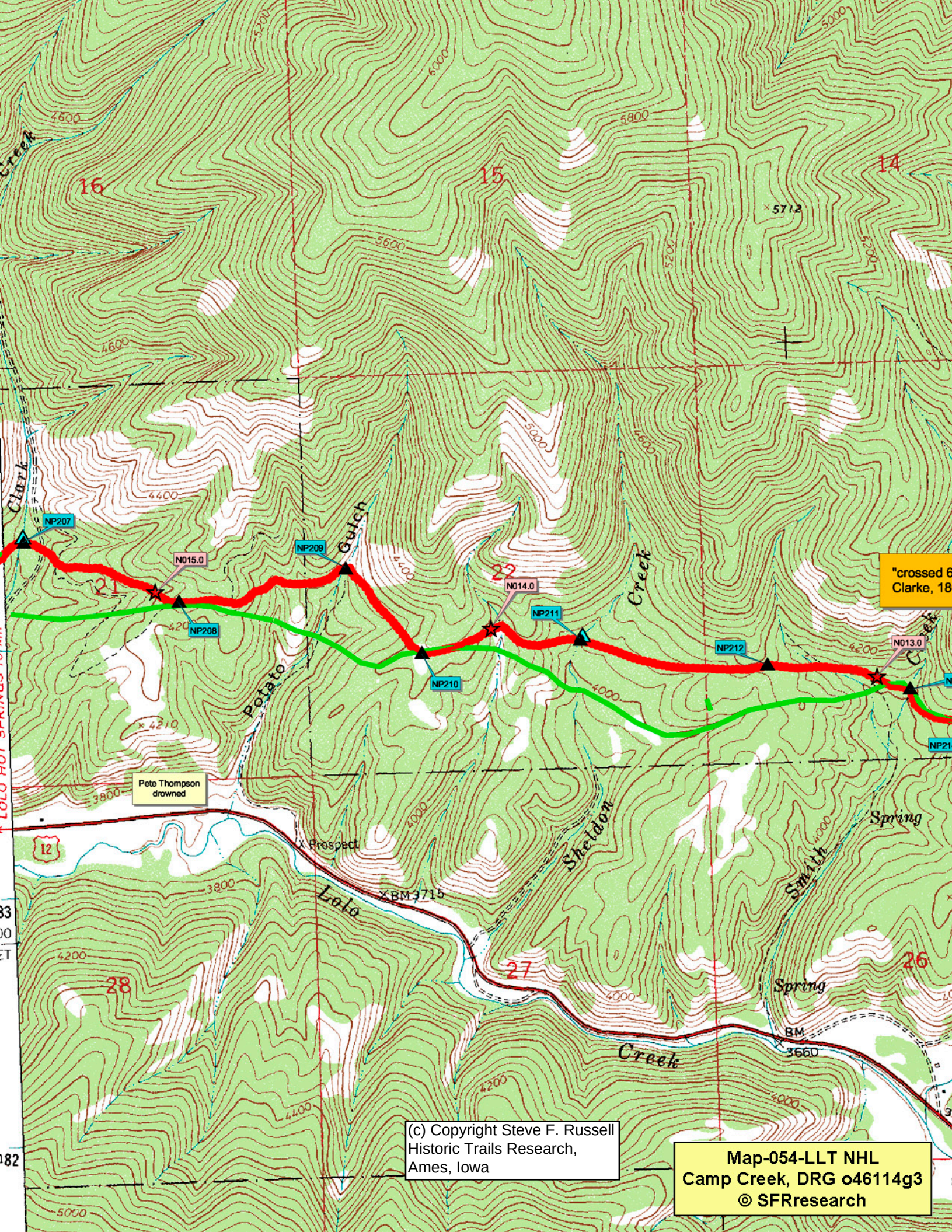
NP207
N015.0
NP208
NP209
Gulch
Potato
NP210
N014.0
NP211
NP212
N013.0
"crossed 6
Clarke, 18
Pete Thompson
drowned
Prospect
Lolo
Sheldon
Smith
Spring
Creek
BM 3715
BM 3660
16
15
14
21
22
27
28
26
12
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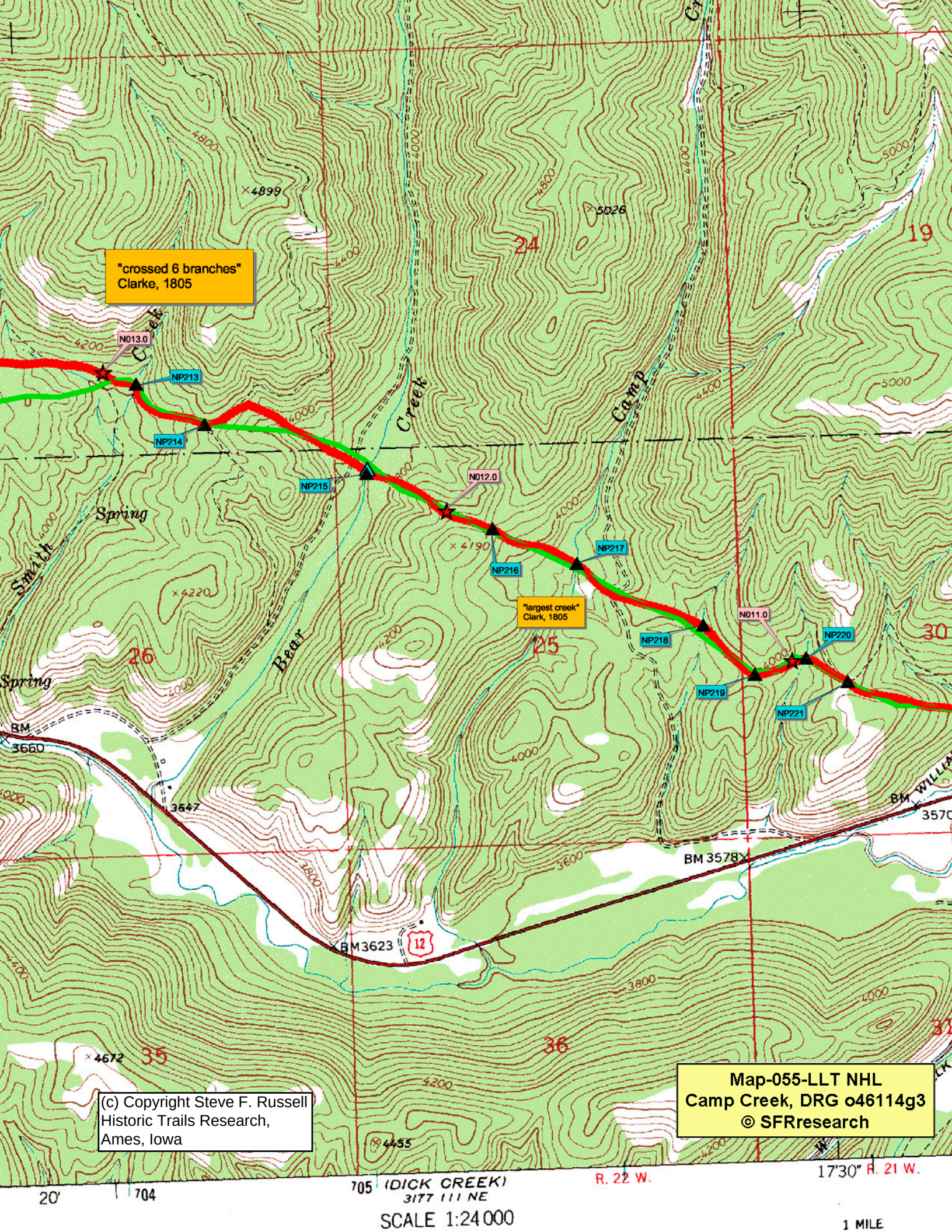
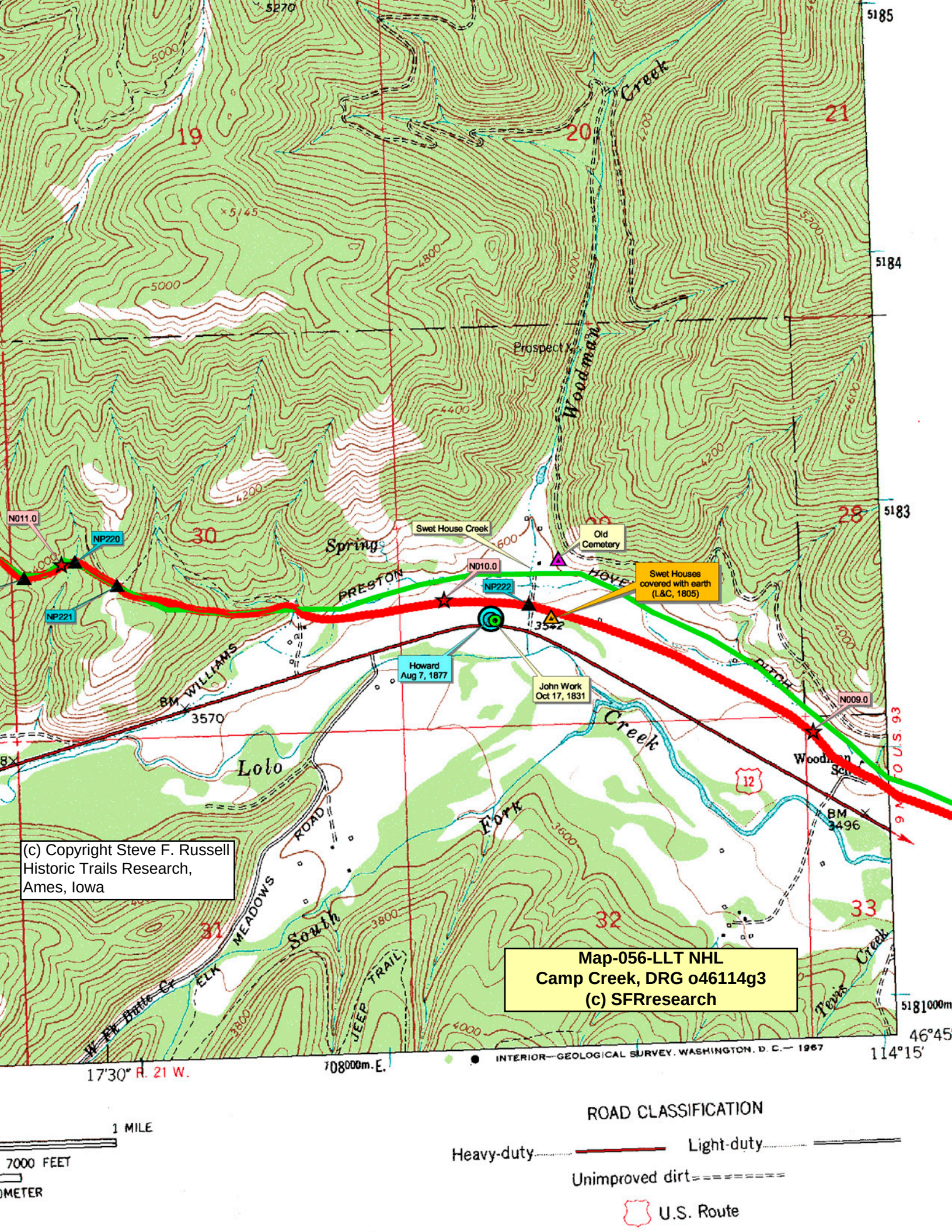
Ames, Iowa
Map-054-LLT NHL
Camp Creek, DRG o46114g3
© SFRresearch


"crossed 6 branches"
Clarke, 1805
N013.0
NP213
NP214
NP215
N012.0
NP216
NP217
"largest creek"
Clark, 1805
NP218
N011.0
NP220
NP219
NP221
Camp Creek
Bear Spring
Smith Spring
BM 3660
3647
BM 3578
BM 3623
12
24
25
26
30
35
36
4899
5026
4190
4220
4672
4455
(c) Copyright Steve F. Russell
Historic Trails Research,
Ames, Iowa
Map-055-LLT NHL
Camp Creek, DRG o46114g3
© SFRresearch
(DICK CREEK)
3177 III NE
R. 22 W.
R. 21 W.
SCALE 1:24 000
1 MILE



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Map-056-LLT NHL
Camp Creek, DRG o46114g3
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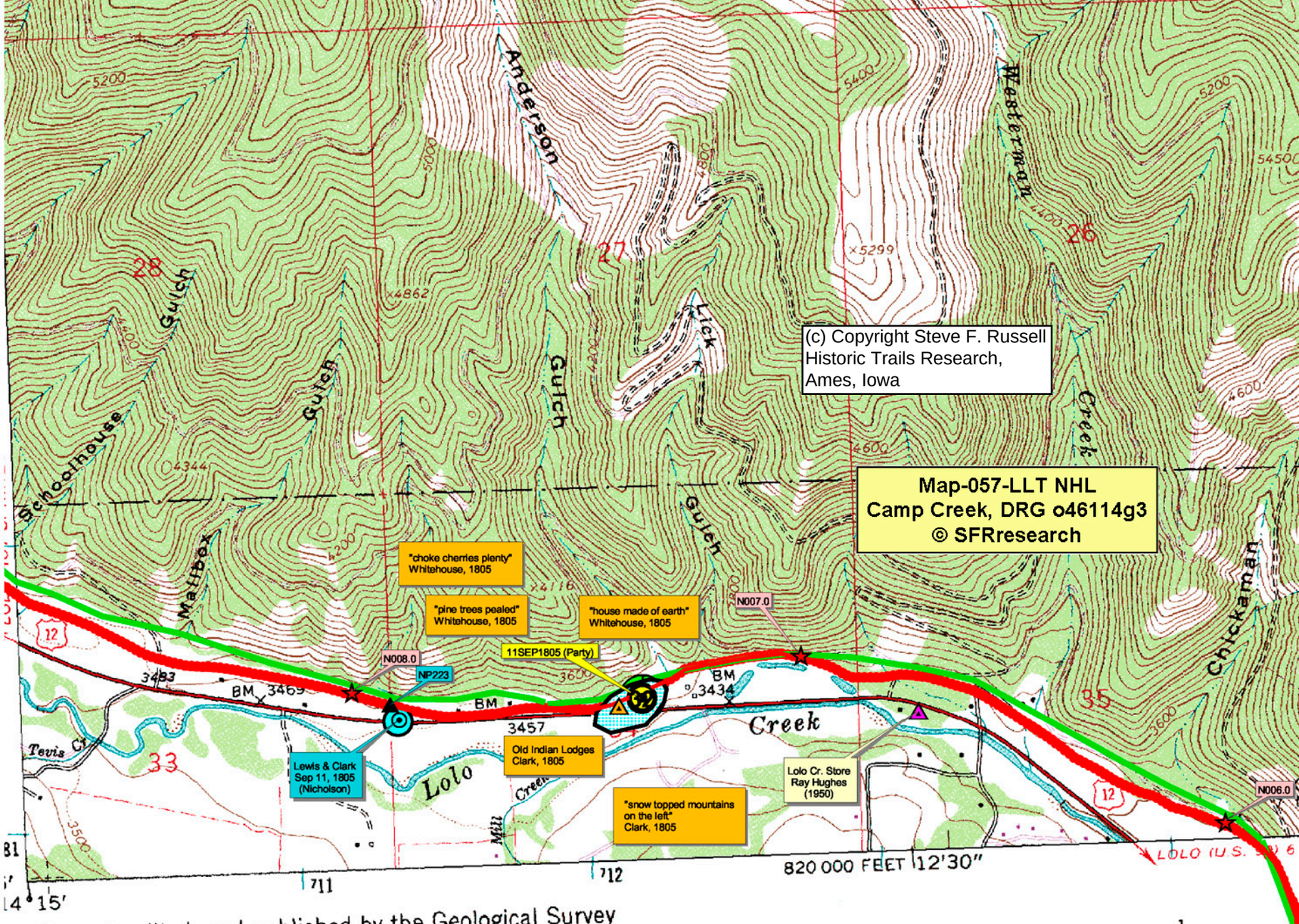

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Topography by photogrammetric methods from aerial photographs taken 1961. Field checked 1964

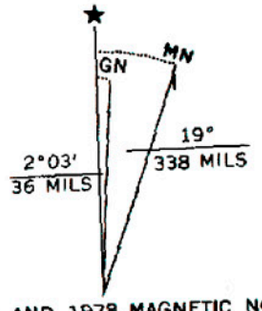
Polyconic projection. 1927 North American datum
10,000-foot grid based on Montana coordinate system, central zone
1000-meter Universal Transverse Mercator grid ticks,
zone 11, shown in blue

Fine red dashed lines indicate selected fence lines

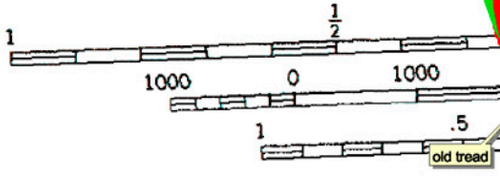
Where omitted, land lines have not been established

Revisions shown in purple and recompilation of woodland areas compiled from aerial photographs taken 1976. Map edited 1978
This information not field checked

There may be private inholdings within the boundaries of the National or State reservations shown on this map



UTM GRID AND 1978 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET



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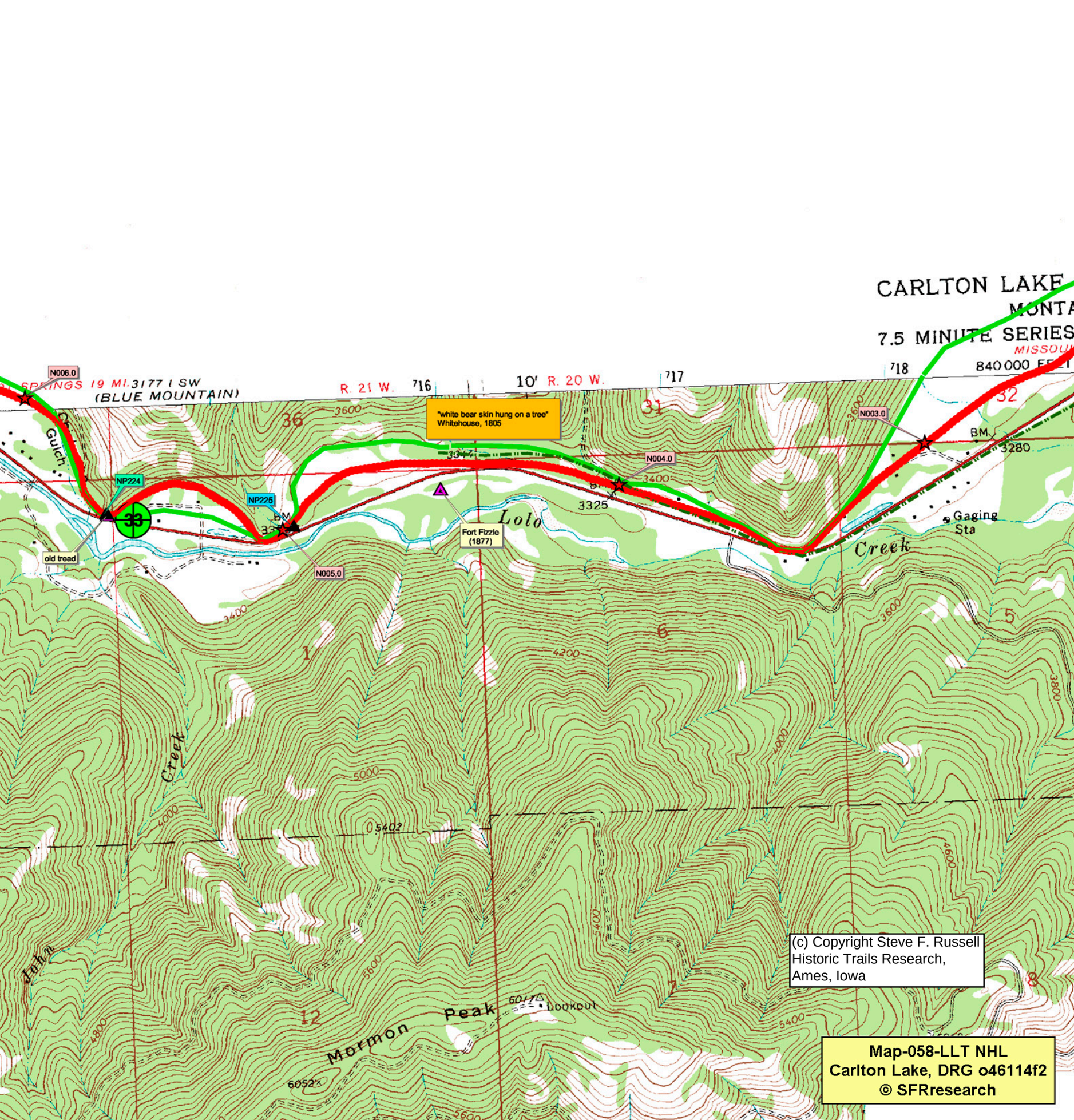
CARLTON LAKE
7.5 MINUTE SERIES
840 000 FEET
SPRINGS 19 MI. 3177 I SW
(BLUE MOUNTAIN)
R. 21 W.
716
10'
R. 20 W.
717
718
N006.0
"white bear skin hung on a tree"
Whitehouse, 1805
N003.0
N004.0
NP224
NP225
33
BM
3325
3280
Fort Fizzle
(1877)
Lolo
Creek
Gaging
Sta
old tread
N005.0
Gulch
Creek
Mormon
Peak
6052
Lookout
(c) Copyright Steve F. Russell
Historic Trails Research,
Ames, Iowa
Map-058-LLT NHL
Carlton Lake, DRG o46114f2
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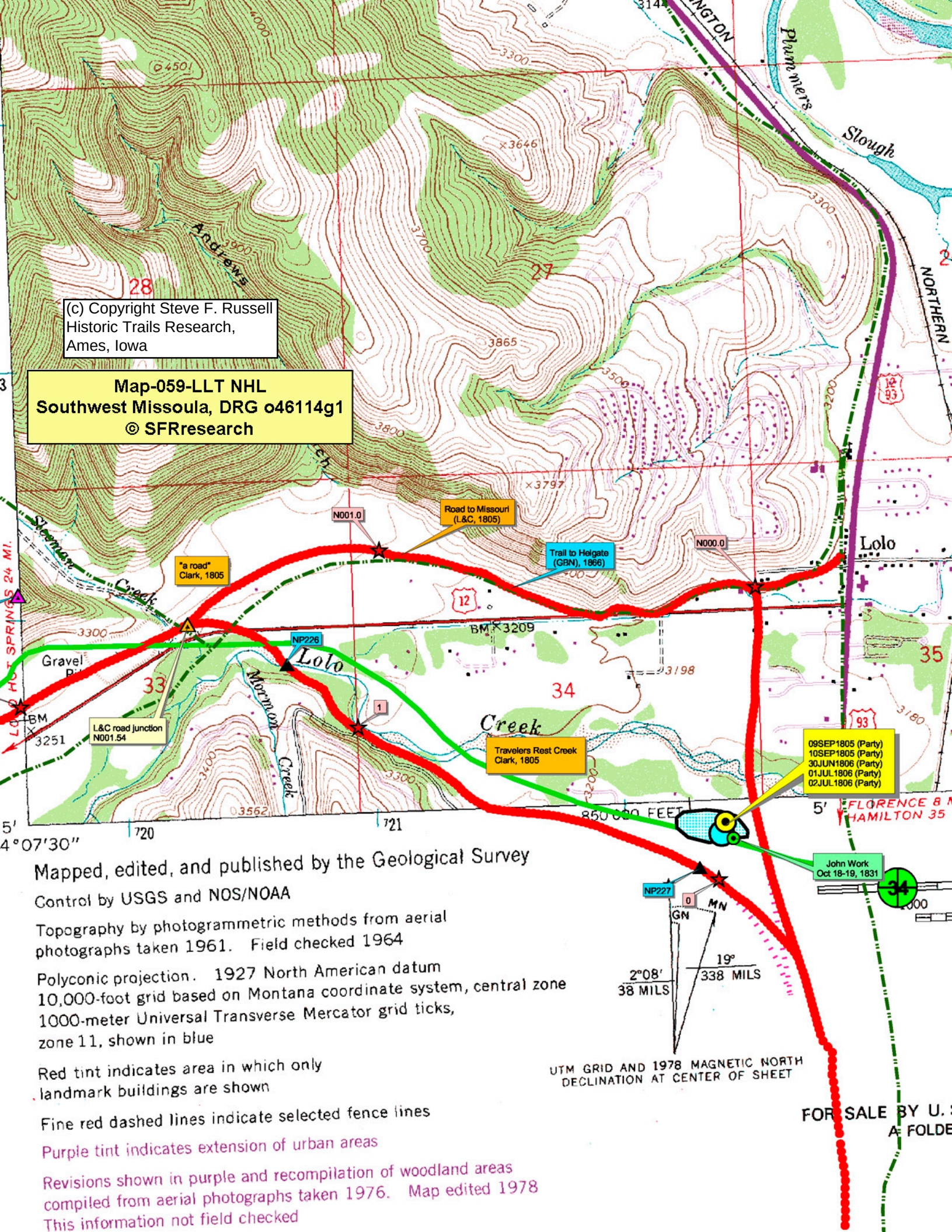
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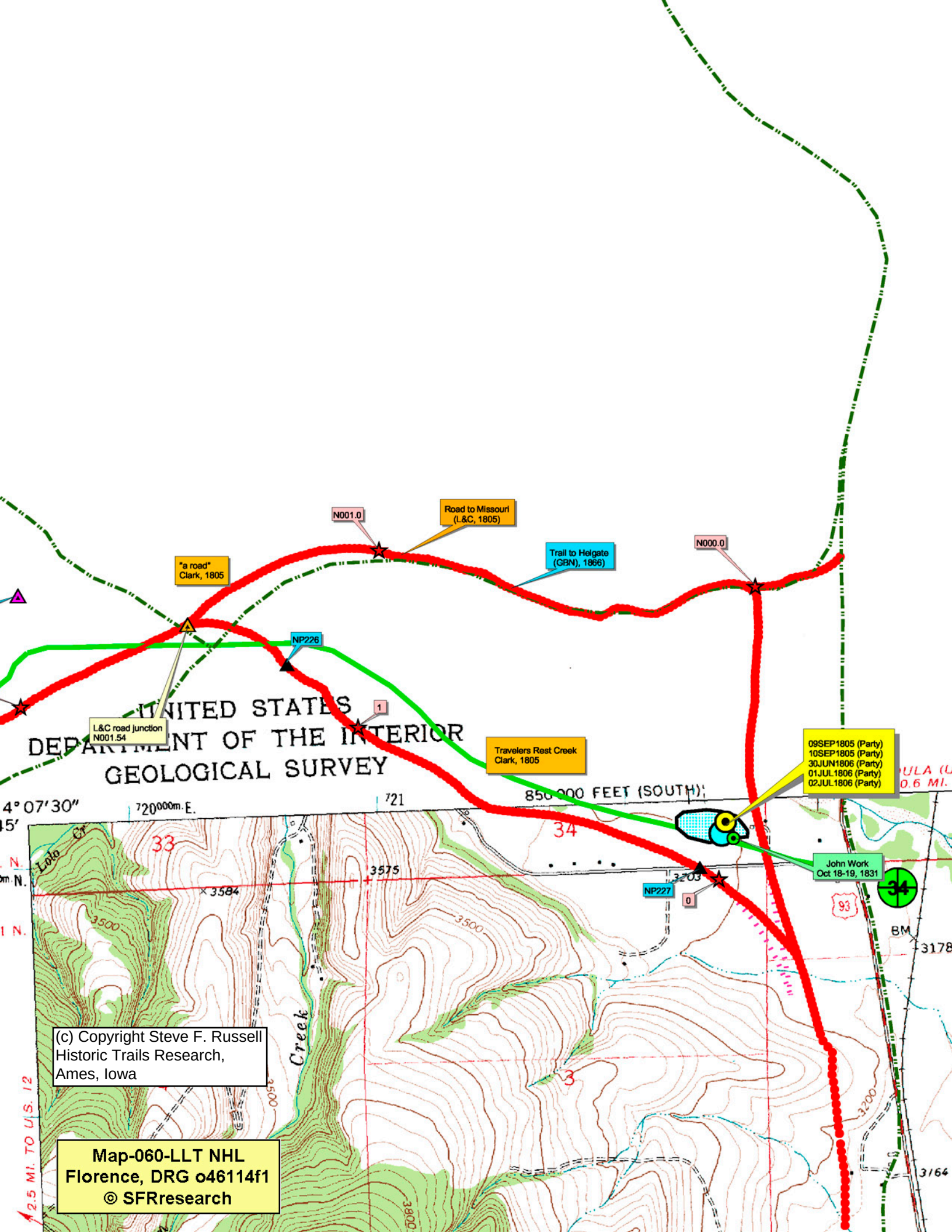
Historic Trails Research,
Ames, Iowa
Map-059-LLT NHL
Southwest Missoula, DRG o46114g1
© SFRresearch
N001.0
Road to Missouri
(L&C, 1805)
"a road"
Clark, 1805
Trail to Helgate
(GBN), 1866)
N000.0
NP226
L&C road junction
N001.54
Travelers Rest Creek
Clark, 1805
09SEP1805 (Party)
10SEP1805 (Party)
30JUN1806 (Party)
01JUL1806 (Party)
02JUL1806 (Party)
John Work
Oct 18-19, 1831
NP227
Lolo
Lolo Creek
Mormon Creek
Plummers Slough
Andrews
Skeeman Creek
Gravel
BM 3251
BM 3209
Mapped, edited, and published by the Geological Survey
Control by USGS and NOS/NOAA
Topography by photogrammetric methods from aerial photographs taken 1961. Field checked 1964
Polyconic projection. 1927 North American datum
10,000-foot grid based on Montana coordinate system, central zone
1000-meter Universal Transverse Mercator grid ticks, zone 11, shown in blue
Red tint indicates area in which only landmark buildings are shown
Fine red dashed lines indicate selected fence lines
Purple tint indicates extension of urban areas
Revisions shown in purple and recompilation of woodland areas compiled from aerial photographs taken 1976. Map edited 1978
This information not field checked
UTM GRID AND 1978 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
GN
MN
19°
338 MILS
2°08'
38 MILS
FOR SALE BY U.
A FOLDE


N001.0
Road to Missouri
(L&C, 1805)
Trail to Helgate
(GBN), 1866)
N000.0
"a road"
Clark, 1805
NP226
L&C road junction
N001.54
Travelers Rest Creek
Clark, 1805
09SEP1805 (Party)
10SEP1805 (Party)
30JUN1806 (Party)
01JUL1806 (Party)
02JUL1806 (Party)
John Work
Oct 18-19, 1831
NP227
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
850 000 FEET (SOUTH)
4° 07′ 30″
720000m. E.
721
Lolo Cr
33
34
3575
3584
3500
3203
93
BM
3178
Creek
3200
3164
2.5 MI. TO U.S. 12
(c) Copyright Steve F. Russell
Historic Trails Research,
Ames, Iowa
Map-060-LLT NHL
Florence, DRG o46114f1
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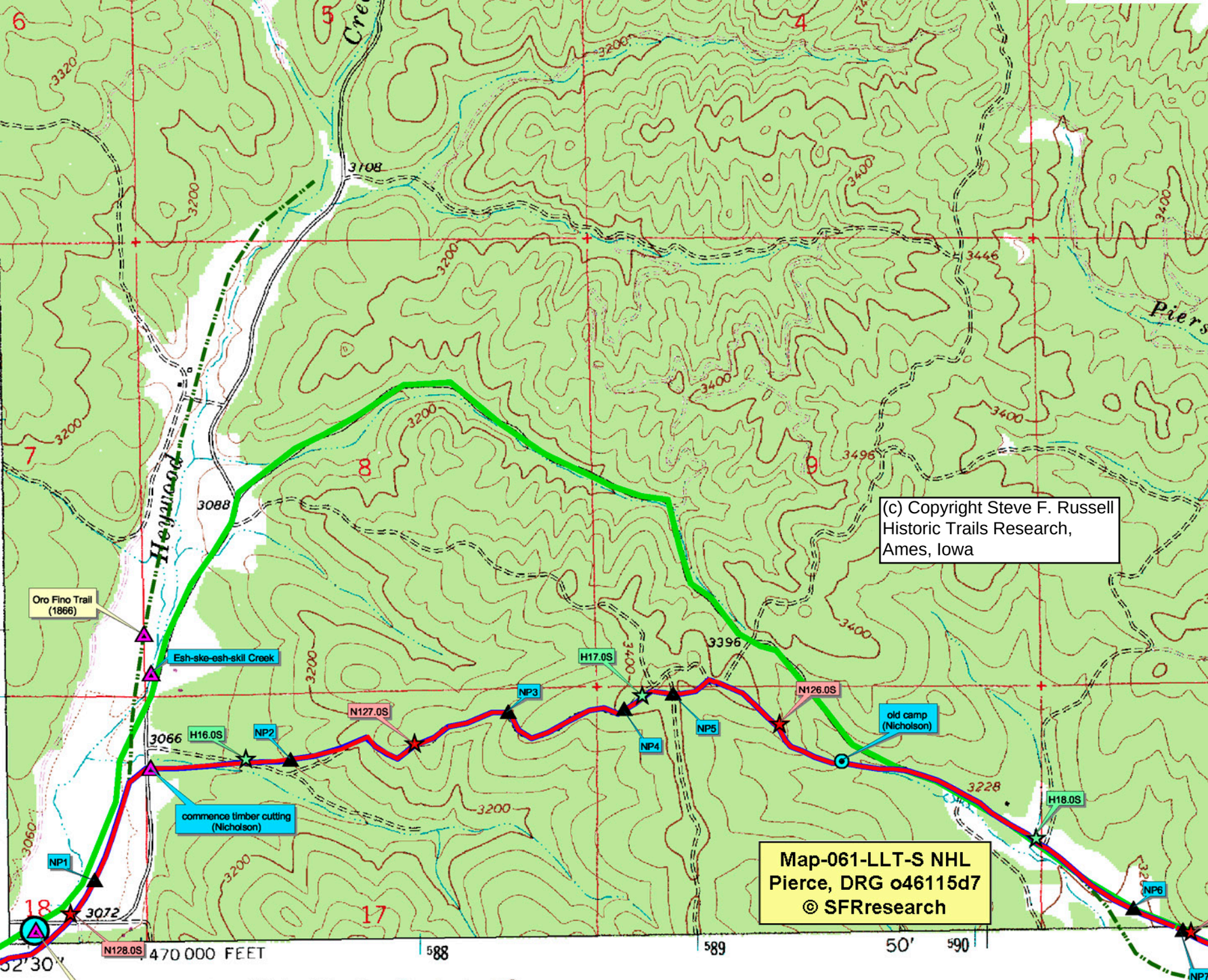
Lolo Trail National Historic Landmark Comprehensive Research Maps 2017

Weippe Prairie to Green Saddle Via Snowy Summit



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Topography by photogrammetric methods from aerial photographs taken 1963. Field checked 1966

Polyconic projection. 1927 North American datum
10,000-foot grid based on Idaho coordinate system, west zone
1000-meter Universal Transverse Mercator grid ticks, zone 11, shown in blue
To place on the predicted North American Datum 1983 move the projection lines 14 meters north and 75 meters east as shown by dashed corner ticks

There may be private inholdings within the boundaries of the National or State reservations shown on this map

GN MN
0°52'
15 MILS
19°
338 MILS

UTM GRID AND 1984 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

1000 0

DOTTED

NATIONA

THIS MAP CO

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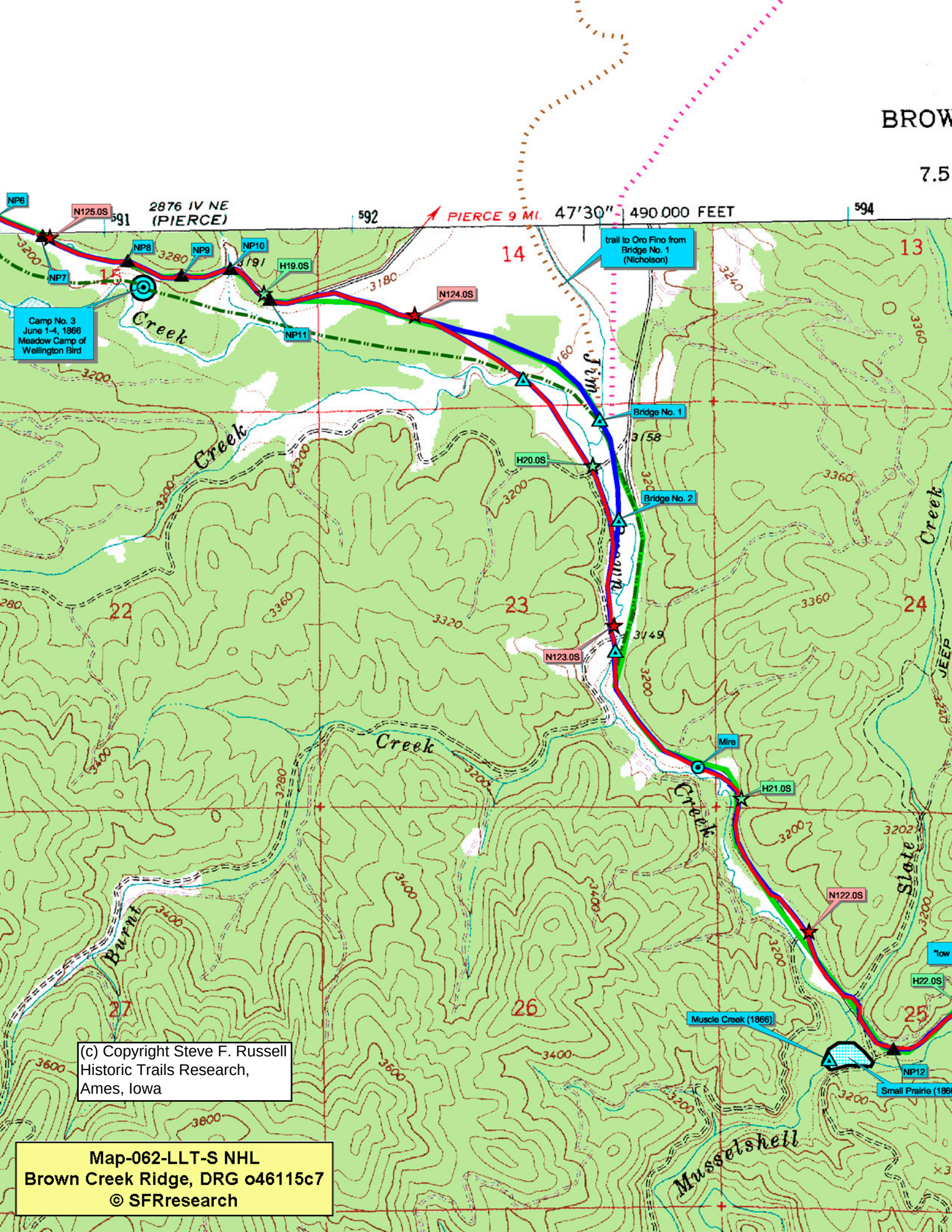

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Map-062-LLT-S NHL
Brown Creek Ridge, DRG o46115c7
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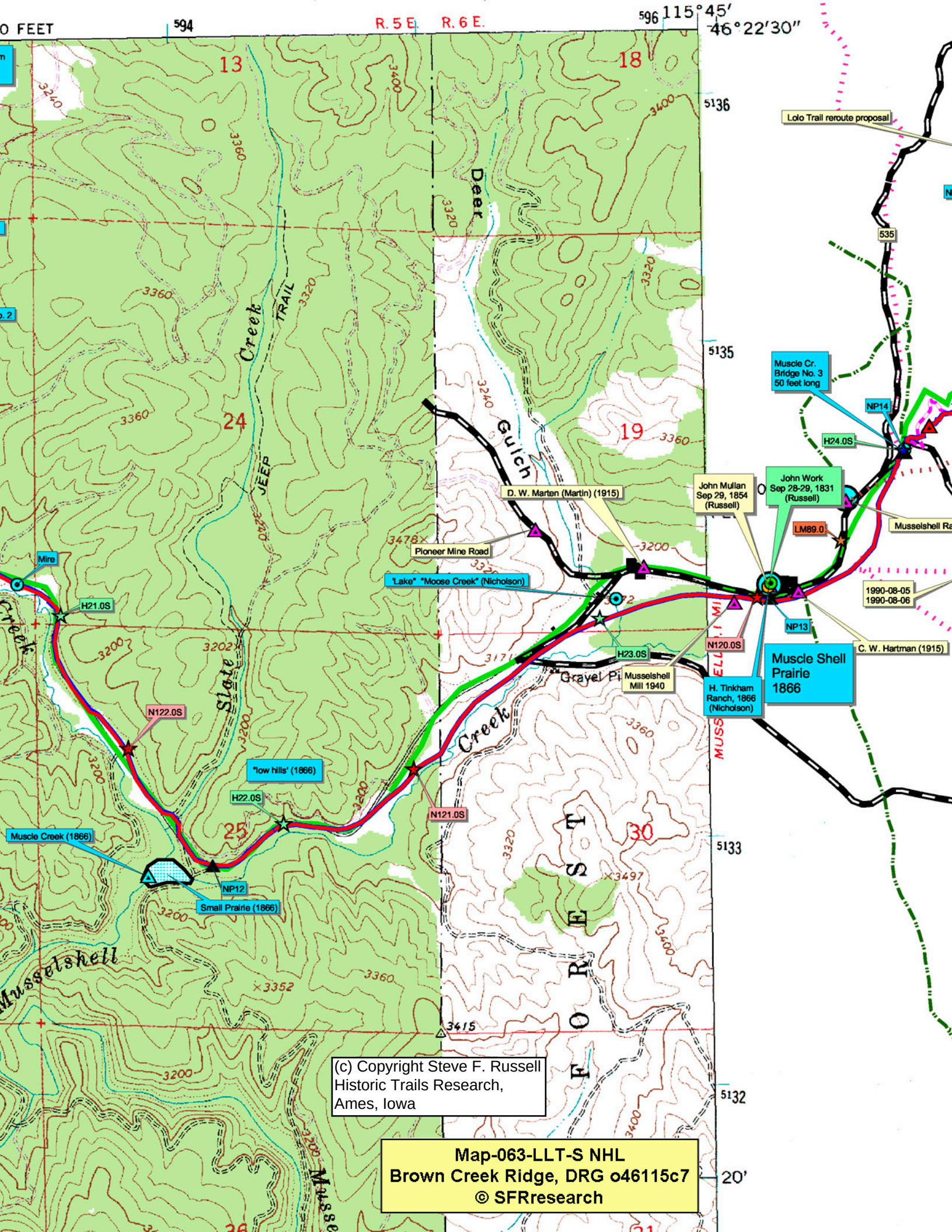
Lolo Trail reroute proposal
Muscle Cr. Bridge No. 3 50 feet long
NP14
H24.0S
John Mullan Sep 29, 1854 (Russell)
John Work Sep 28-29, 1831 (Russell)
LM89.0
Musselshell Ra
D. W. Marten (Martin) (1915)
Pioneer Mine Road
"Lake" "Moose Creek" (Nicholson)
1990-08-05
1990-08-06
NP13
C. W. Hartman (1915)
N120.0S
H23.0S
Musselshell Mill 1940
H. Tinkham Ranch, 1866 (Nicholson)
Muscle Shell Prairie 1866
Mire
H21.0S
N122.0S
"low hills" (1866)
H22.0S
N121.0S
Muscle Creek (1866)
NP12
Small Prairie (1866)
Deer Gulch
Jeep Trail
Slate Creek
Musselshell
Gravel Pi
R. 5 E.
R. 6 E.
115°45′
46°22′30″
13
18
24
19
25
30
5136
5135
5133
5132
535
3240
3360
3400
3320
3200
3202
3171
3478
3352
3415
3497
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Ames, Iowa
Map-063-LLT-S NHL
Brown Creek Ridge, DRG o46115c7
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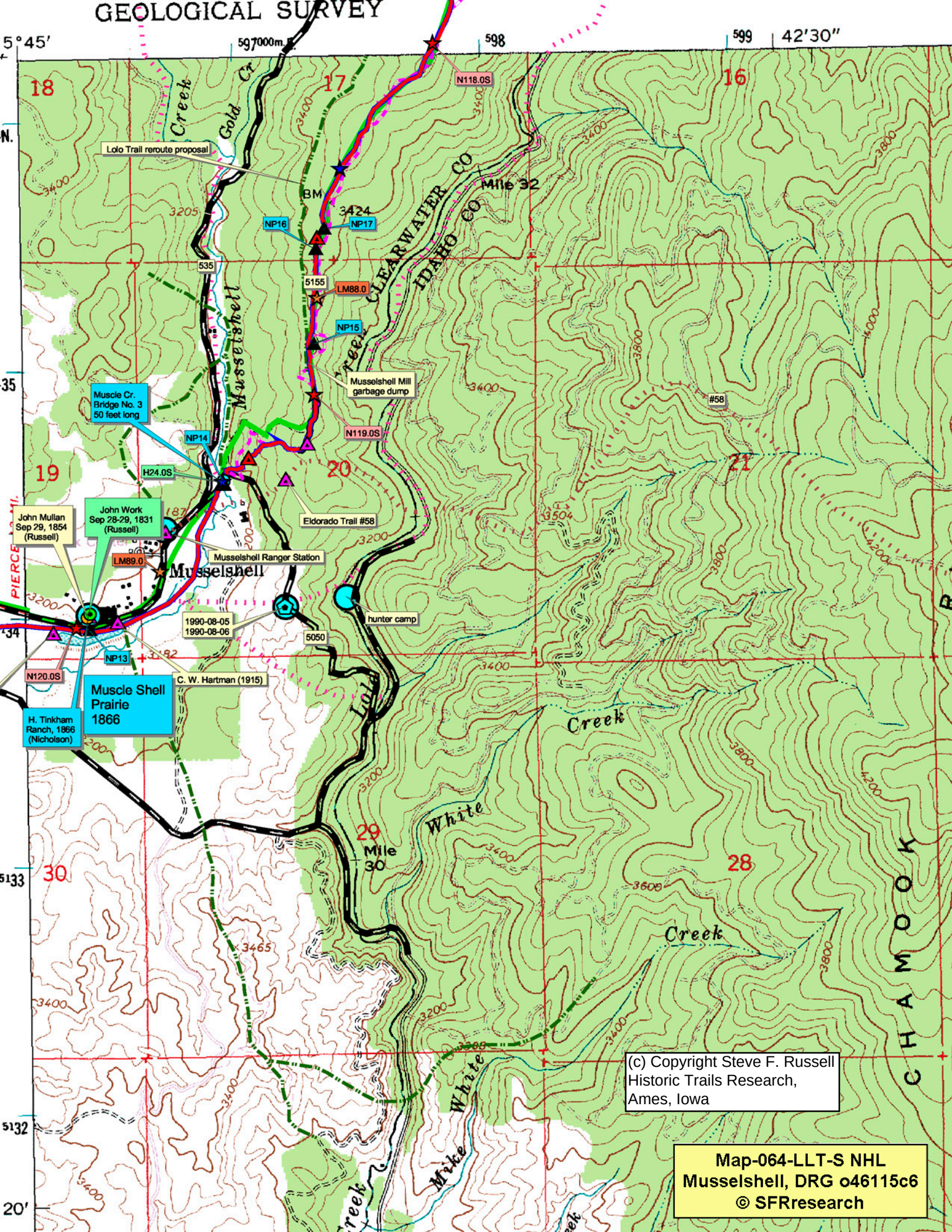
GEOLOGICAL SURVEY
5°45'
597000m.E.
598
599
42'30"
18
17
16
19
20
21
30
29
28
Creek
Gold Cr
Lolo Trail reroute proposal
BM
3424
NP16
NP17
N118.0S
535
5155
LM88.0
NP15
Musselshell Mill garbage dump
N119.0S
Muscle Cr. Bridge No. 3 50 feet long
NP14
H24.0S
Eldorado Trail #58
#58
John Mullan Sep 29, 1854 (Russell)
John Work Sep 28-29, 1831 (Russell)
LM89.0
Musselshell
Musselshell Ranger Station
hunter camp
1990-08-05
1990-08-06
5050
NP13
N120.0S
C. W. Hartman (1915)
Muscle Shell Prairie 1866
H. Tinkham Ranch, 1866 (Nicholson)
CLEARWATER CO
IDAHO CO
Mile 32
Mile 30
Lolo
White
Creek
Mike
CHAMOOK
PIERCE
3504
3465
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Historic Trails Research,
Ames, Iowa
Map-064-LLT-S NHL
Musselshell, DRG o46115c6
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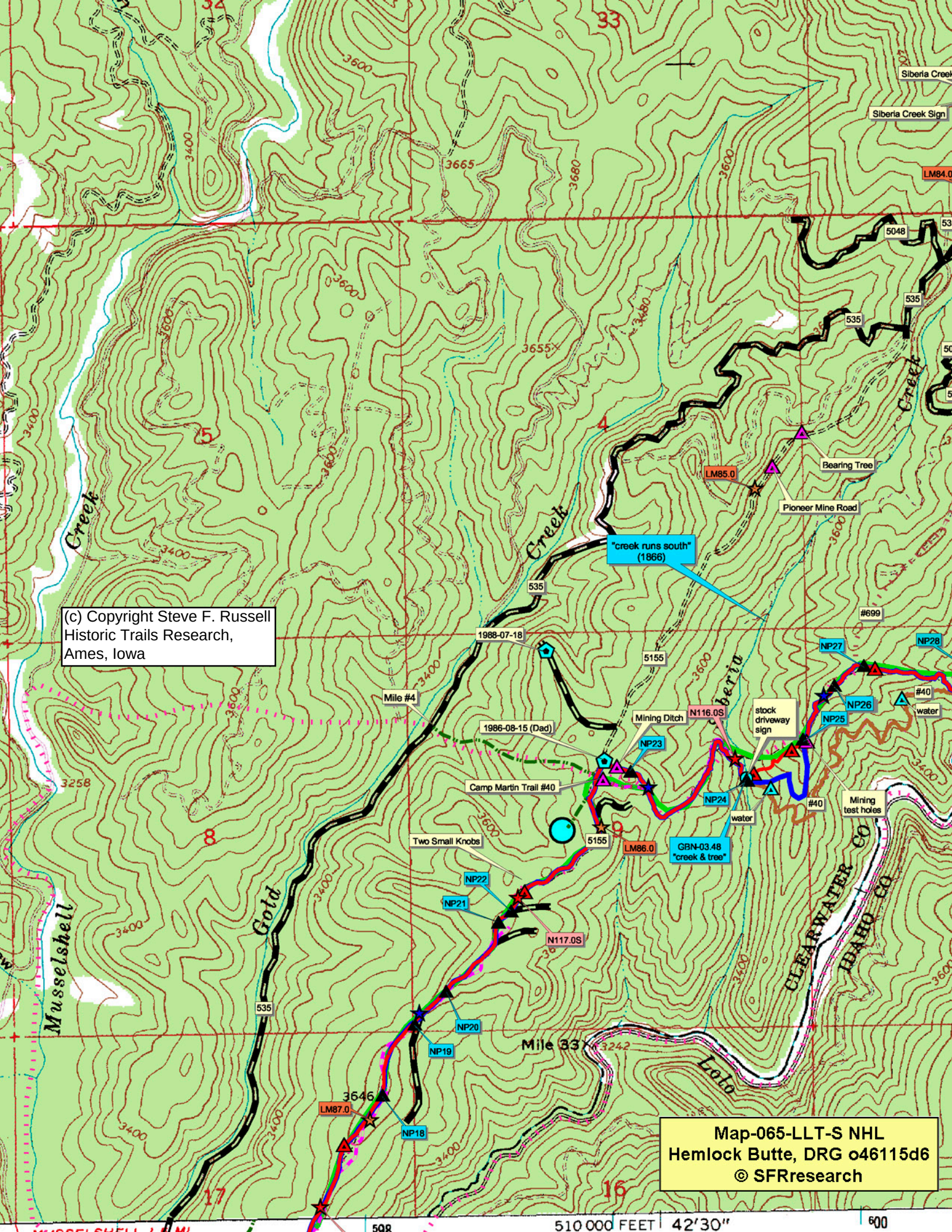
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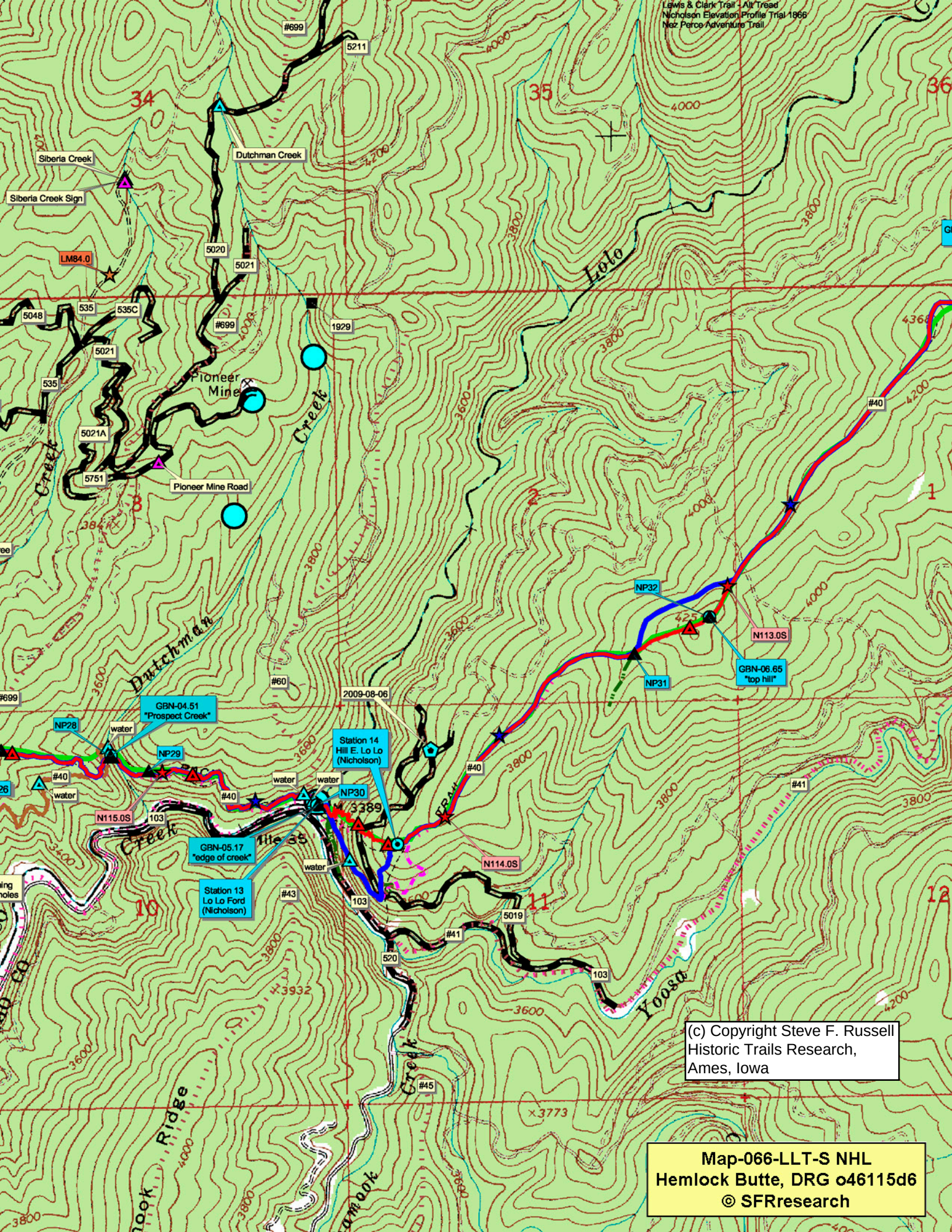
Historic Trails Research,
Ames, Iowa
Siberia Creek
Siberia Creek Sign
LM84.0
5048
535
Bearing Tree
LM85.0
Pioneer Mine Road
"creek runs south"
(1866)
1988-07-18
5155
#699
NP27
NP28
#40
water
NP26
NP25
stock
driveway
sign
Mile #4
1986-08-15 (Dad)
Mining Ditch
N116.0S
NP23
Camp Martin Trail #40
NP24
water
#40
Mining
test holes
Two Small Knobs
5155
LM86.0
GBN-03.48
"creek & tree"
NP22
NP21
N117.0S
NP20
NP19
Mile 33
3242
3646
LM87.0
NP18
Map-065-LLT-S NHL
Hemlock Butte, DRG o46115d6
© SFResearch
510 000 FEET
42'30"


Lewis & Clark Trail - Alt Tread
Nicholson Elevation Profile Trial 1866
Nez Perce Adventure Trail
#699
5211
34
35
36
Siberia Creek
Siberia Creek Sign
Dutchman Creek
LM84.0
5020
5021
5048
535
535C
#699
1929
Pioneer Mine
Pioneer Mine Road
5021A
5751
Lolo
Creek
Dutchman
#40
NP32
N113.0S
GBN-06.65
"top hill"
NP31
#60
2009-08-06
GBN-04.51
"Prospect Creek"
NP28
water
NP29
Station 14
Hill E. Lo Lo
(Nicholson)
NP30
N115.0S
103
GBN-05.17
"edge of creek"
Station 13
Lo Lo Ford
(Nicholson)
N114.0S
#41
5019
520
#43
#45
Ridge
Yoosa
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Ames, Iowa
Map-066-LLT-S NHL
Hemlock Butte, DRG o46115d6
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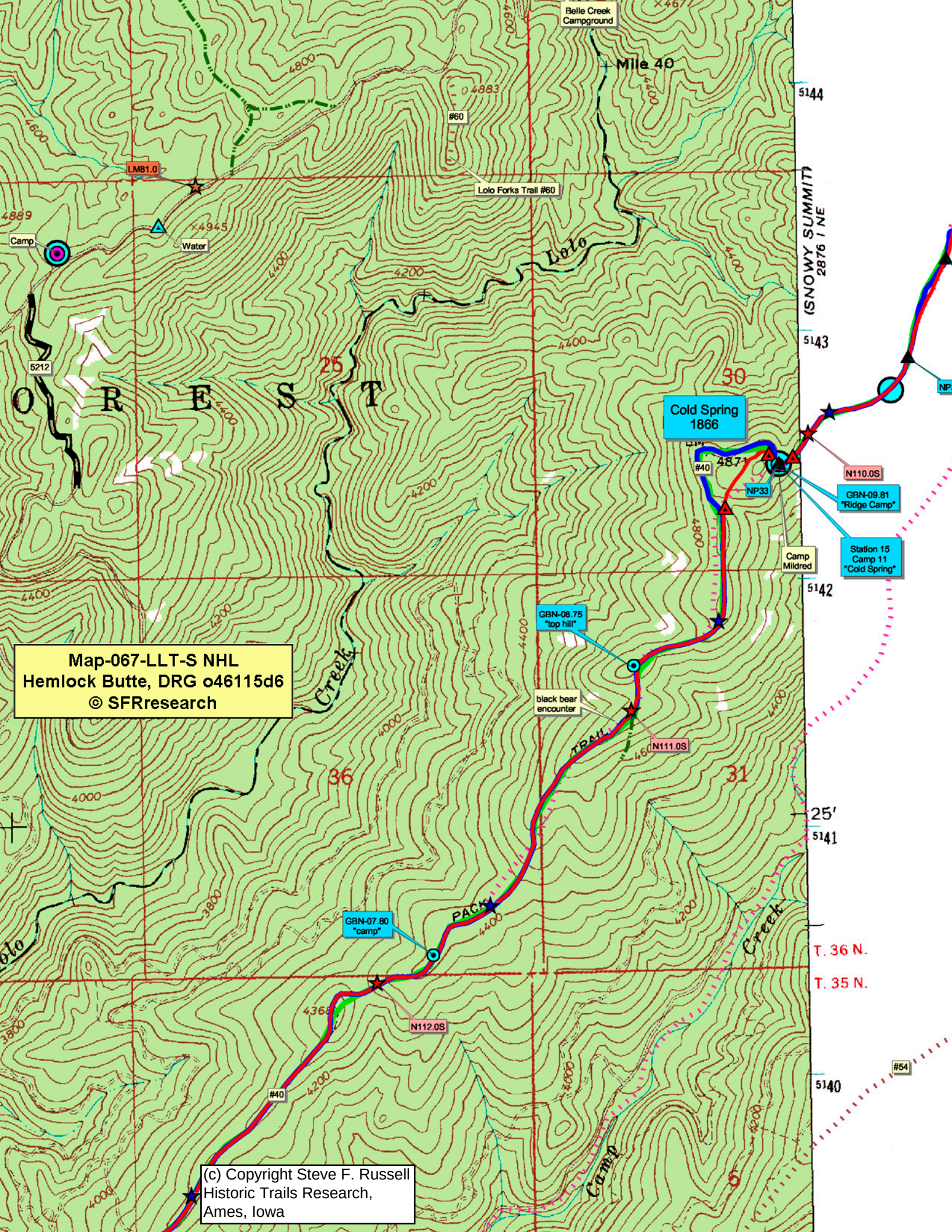

Map-067-LLT-S NHL
Hemlock Butte, DRG o46115d6
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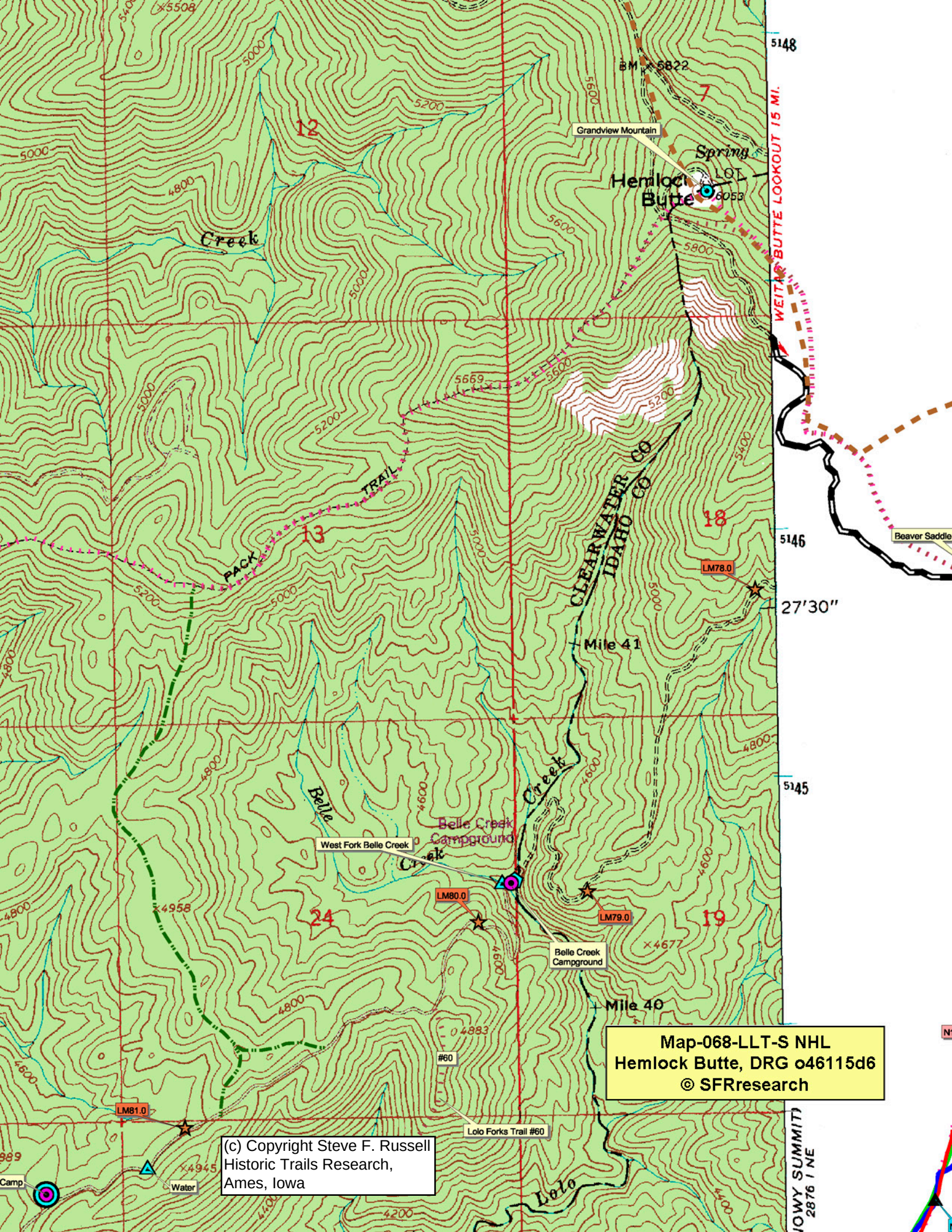
Grandview Mountain
Hemlock Butte
Spring
LOT
6053
BM 5822
WEITAS BUTTE LOOKOUT 15 MI.
Beaver Saddle
CLEARWATER CO
IDAHO CO
PACK TRAIL
Creek
Belle Creek
Belle Creek Campground
West Fork Belle Creek
Belle Creek Campground
LM78.0
LM79.0
LM80.0
LM81.0
Mile 41
Mile 40
27'30"
5148
5146
5145
12
13
18
19
24
#60
Lolo Forks Trail #60
Lolo
Camp
Water
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Ames, Iowa
Map-068-LLT-S NHL
Hemlock Butte, DRG o46115d6
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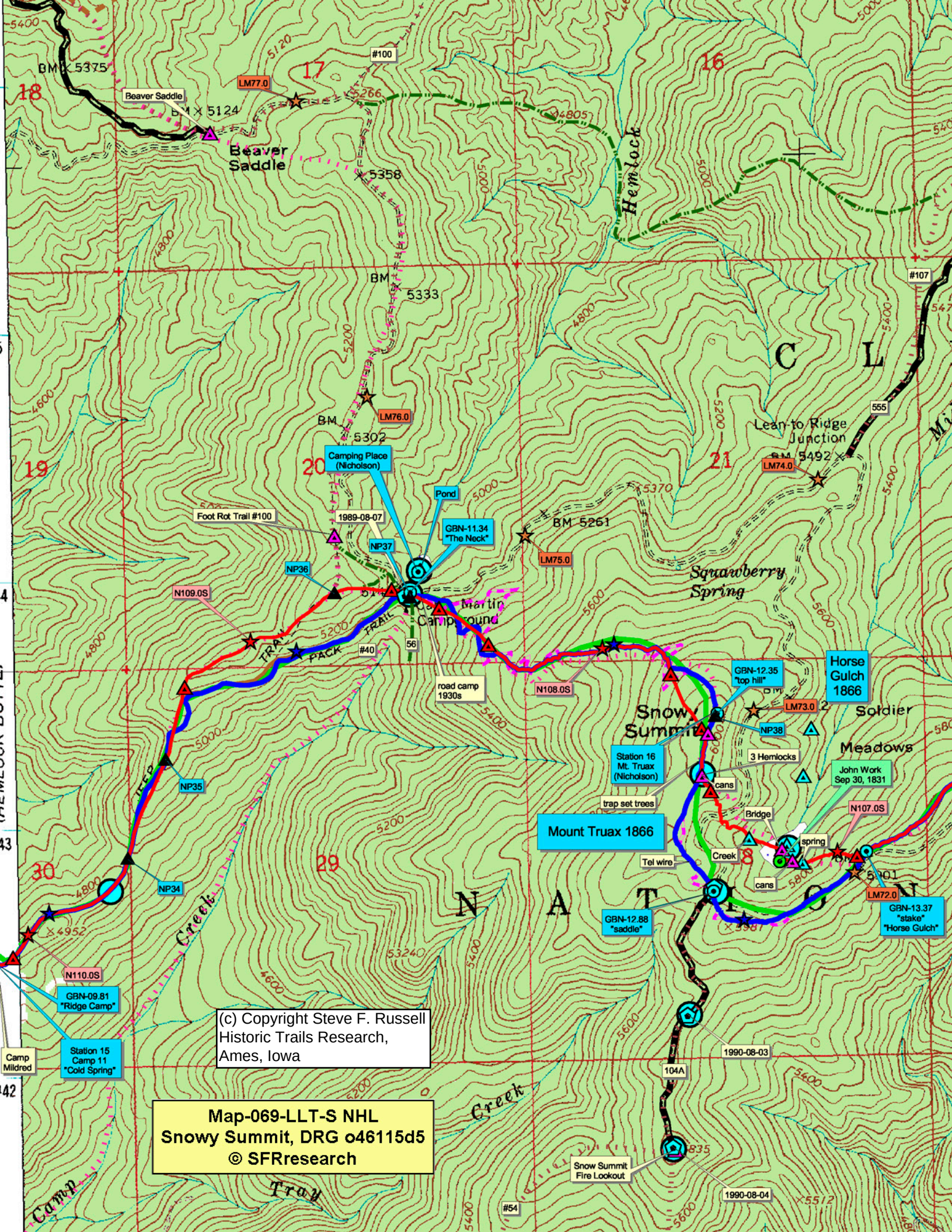
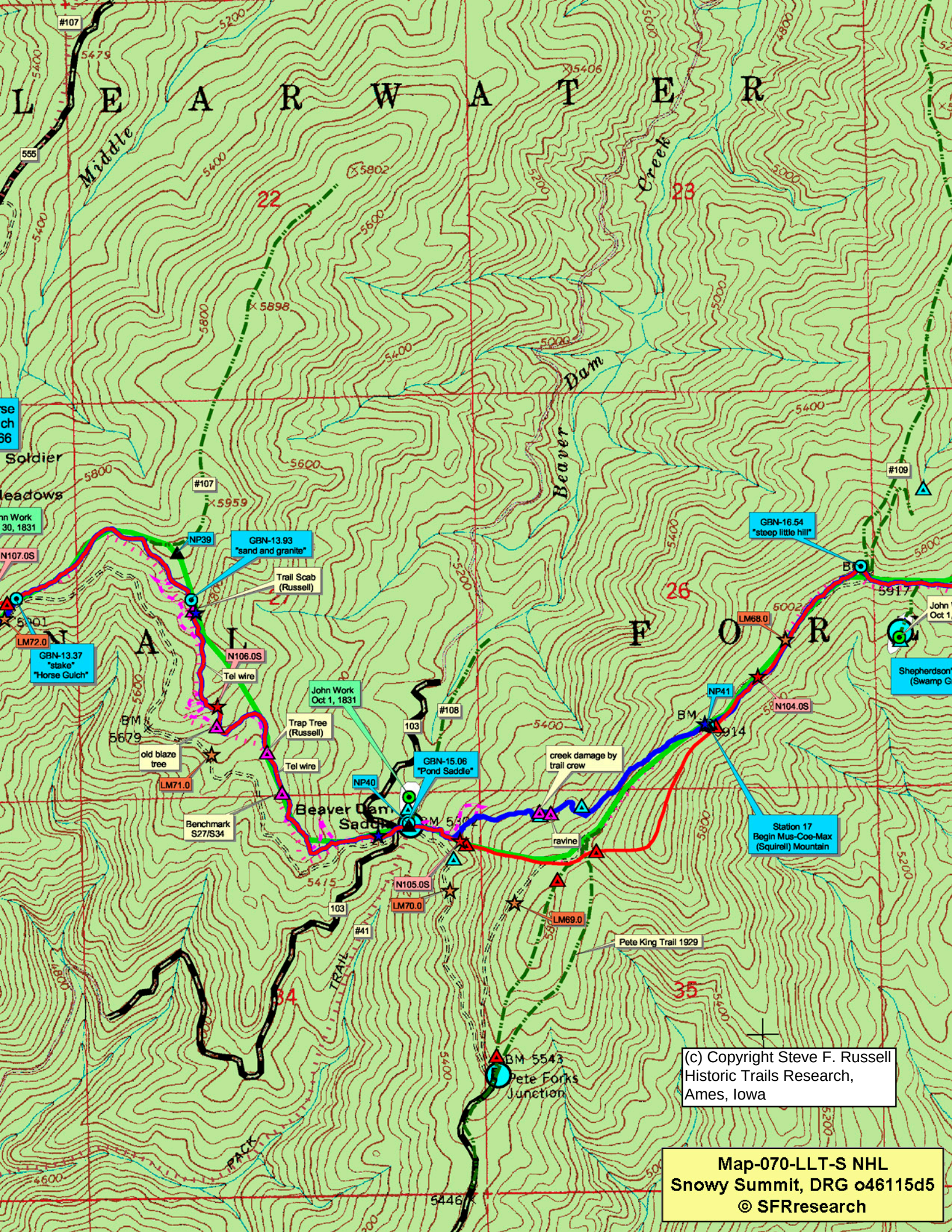

Beaver Saddle
BM X 5375
BM X 5124
Beaver Saddle
X 5358
LM77.0
#100
Hemlock
BM 5333
LM76.0
BM 5302
Camping Place (Nicholson)
Pond
GBN-11.34 "The Neck"
1989-08-07
Foot Rot Trail #100
NP37
NP36
N109.0S
BM 5261
LM75.0
Squawberry Spring
Martin Campground
road camp 1930s
#40
56
N108.0S
Lean-to Ridge Junction
BM 5492
LM74.0
555
#107
GBN-12.35 "top hill"
Horse Gulch 1866
LM73.0
Soldier Meadows
NP38
Snowy Summit
Station 16 Mt. Truax (Nicholson)
3 Hemlocks
John Work Sep 30, 1831
cans
trap set trees
Mount Truax 1866
Bridge
N107.0S
spring
Creek
Tel wire
cans
LM72.0
GBN-13.37 "stake" "Horse Gulch"
GBN-12.88 "saddle"
NP35
NP34
N110.0S
GBN-09.81 "Ridge Camp"
Station 15 Camp 11 "Cold Spring"
Camp Mildred
1990-08-03
104A
Snow Summit Fire Lookout
1990-08-04
#54
(c) Copyright Steve F. Russell
Historic Trails Research,
Ames, Iowa
Map-069-LLT-S NHL
Snowy Summit, DRG o46115d5
© SFRresearch


#107
555
Middle
Creek
22
23
26
27
34
35
Beaver Dam
Soldier
Meadows
#107
#109
#108
#41
103
NP39
GBN-13.93
"sand and granite"
Trail Scab
(Russell)
LM72.0
GBN-13.37
"stake"
"Horse Gulch"
N107.0S
N106.0S
Tel wire
Trap Tree
(Russell)
Tel wire
old blaze
tree
LM71.0
Benchmark
S27/S34
John Work
Oct 1, 1831
GBN-15.06
"Pond Saddle"
NP40
Beaver Dam
Saddle
BM 5679
BM 5914
BM 5543
Pete Forks
Junction
creek damage by
trail crew
ravine
N105.0S
LM70.0
LM69.0
Pete King Trail 1929
GBN-16.54
"steep little hill"
LM68.0
NP41
N104.0S
Station 17
Begin Mus-Coe-Max
(Squirell) Mountain
PACK
TRAIL
5446
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Map-070-LLT-S NHL
Snowy Summit, DRG o46115d5
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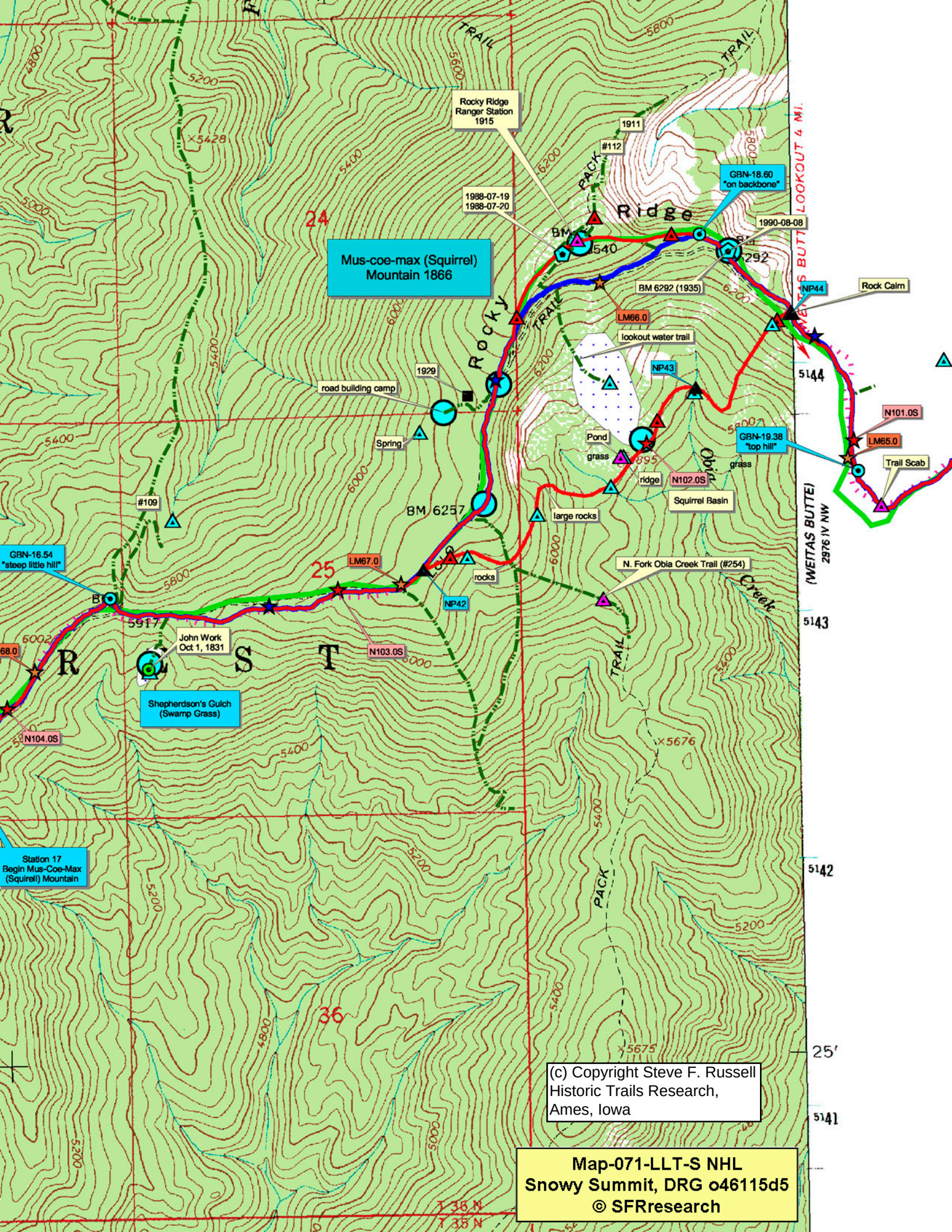
Rocky Ridge Ranger Station 1915
1911
#112
PACK
Ridge
GBN-18.60 "on backbone"
1988-07-19
1988-07-20
1990-08-08
BM 6540
BM 6292 (1935)
Mus-coe-max (Squirrel) Mountain 1866
NP44
Rock Cairn
LM66.0
lookout water trail
Rocky
TRAIL
1929
road building camp
NP43
Spring
Pond
grass
GBN-19.38 "top hill"
N101.0S
LM65.0
Trail Scab
N102.0S
Squirrel Basin
Obia
Creek
#109
BM 6257
large rocks
GBN-16.54 "steep little hill"
LM67.0
rocks
NP42
N. Fork Obia Creek Trail (#254)
BM 5917
John Work Oct 1, 1831
N103.0S
Shepherdson's Gulch (Swamp Grass)
N104.0S
Station 17 Begin Mus-Coe-Max (Squirrel) Mountain
PACK TRAIL
(WEITAS BUTTE) 2976 IV NW
5144
5143
5142
5141
25'
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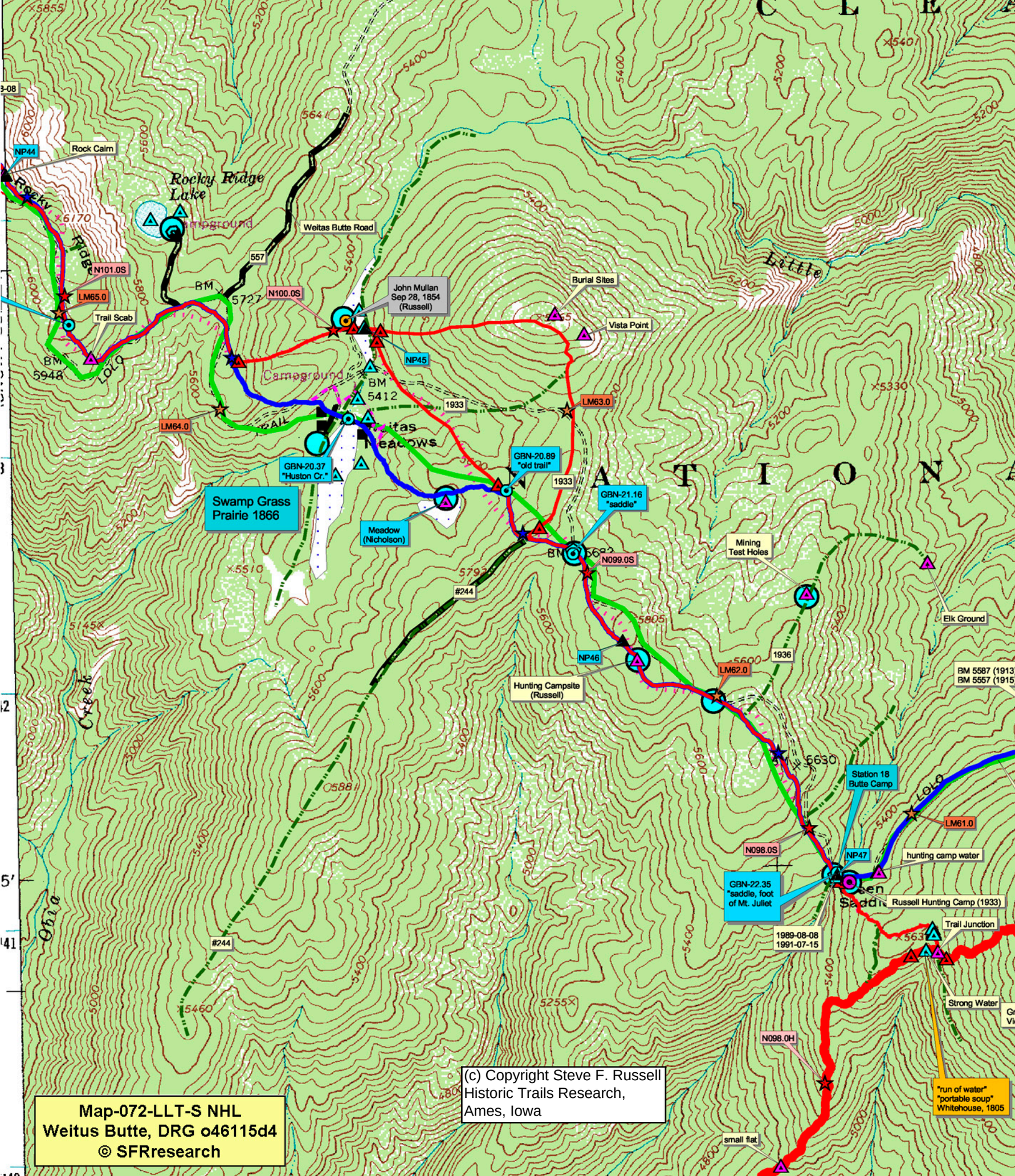
NP44
Rock Cairn
Rocky Ridge Lake
Campground
Weitas Butte Road
557
N101.0S
LM65.0
Trail Scab
BM 5948
LOLO
BM 5727
N100.0S
John Mullan Sep 28, 1854 (Russell)
Burial Sites
Vista Point
NP45
Campground
BM 5412
1933
LM63.0
LM64.0
GBN-20.37 "Huston Cr."
Swamp Grass Prairie 1866
Meadow (Nicholson)
GBN-20.89 "old trail"
1933
GBN-21.16 "saddle"
N099.0S
#244
Mining Test Holes
Elk Ground
NP46
Hunting Campsite (Russell)
1936
LM62.0
Station 18 Butte Camp
LM61.0
N098.0S
NP47
hunting camp water
GBN-22.35 "saddle, foot of Mt. Juliet
Russell Hunting Camp (1933)
1989-08-08
1991-07-15
Trail Junction
Strong Water
N098.0H
"run of water" "portable soup" Whitehouse, 1805
small flat
Rocky Ridge
Little
Creek
Ohio
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Weitus Butte, DRG o46115d4
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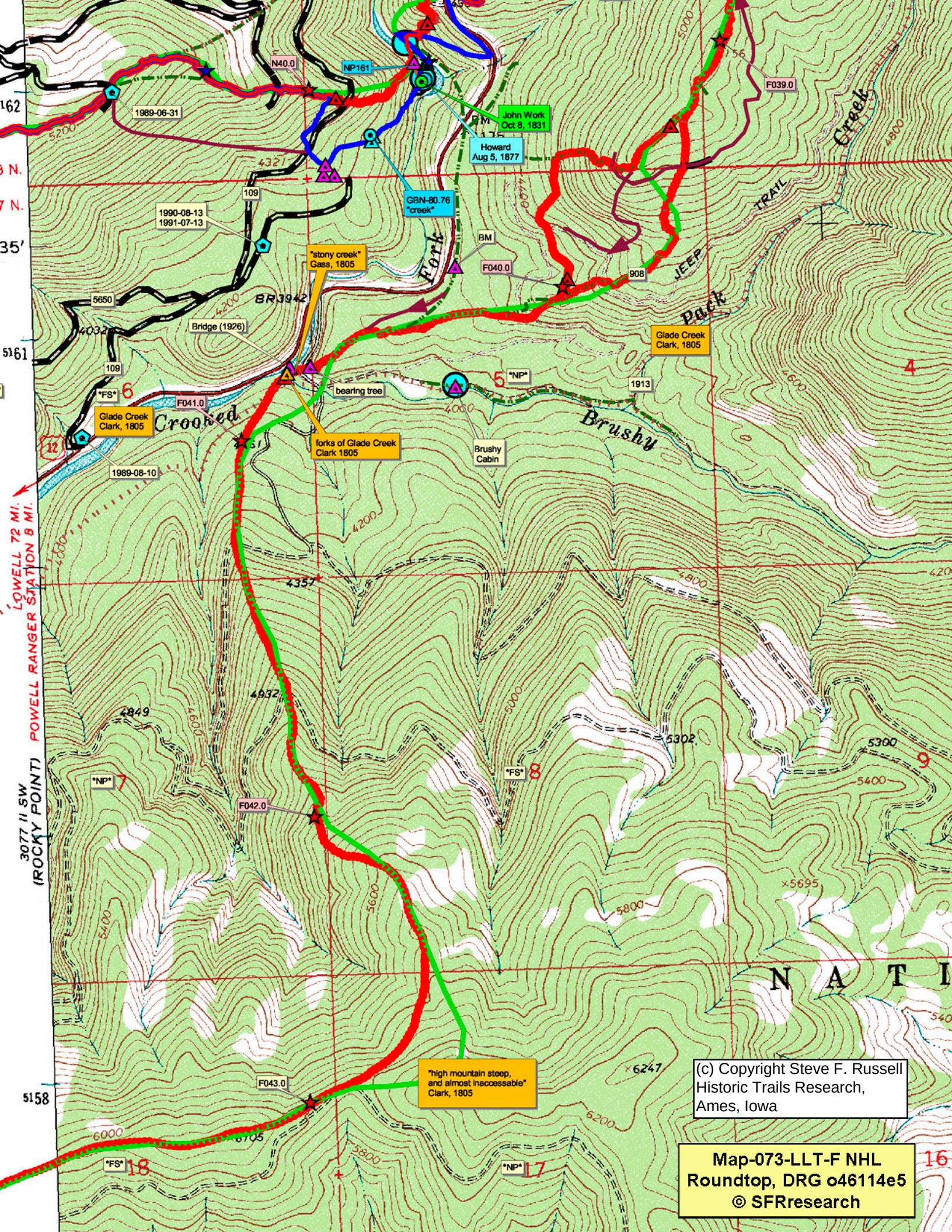
Fishery Trail, Brushy Fork to Wendover Ridge


N40.0
NP161
1989-06-31
John Work
Oct 8, 1831
Howard
Aug 5, 1877
F039.0
GBN-80.76
"creek"
109
1990-08-13
1991-07-13
"stony creek"
Gass, 1805
BM
F040.0
908
JEEP TRAIL
Fork
Creek
Pack
5650
BR3942
Bridge (1926)
Glade Creek
Clark, 1805
109
"FS"
F041.0
Glade Creek
Clark, 1805
bearing tree
forks of Glade Creek
Clark 1805
"NP"
1913
Brushy
Brushy
Cabin
1989-08-10
Crooked
LOWELL 72 MI.
POWELL RANGER STATION 8 MI.
3077 II SW
(ROCKY POINT)
4357
4932
4849
5302
"NP"
"FS"
F042.0
F043.0
"high mountain steep,
and almost inaccessable"
Clark, 1805
6247
6705
"FS"
"NP"
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Roundtop, DRG o46114e5
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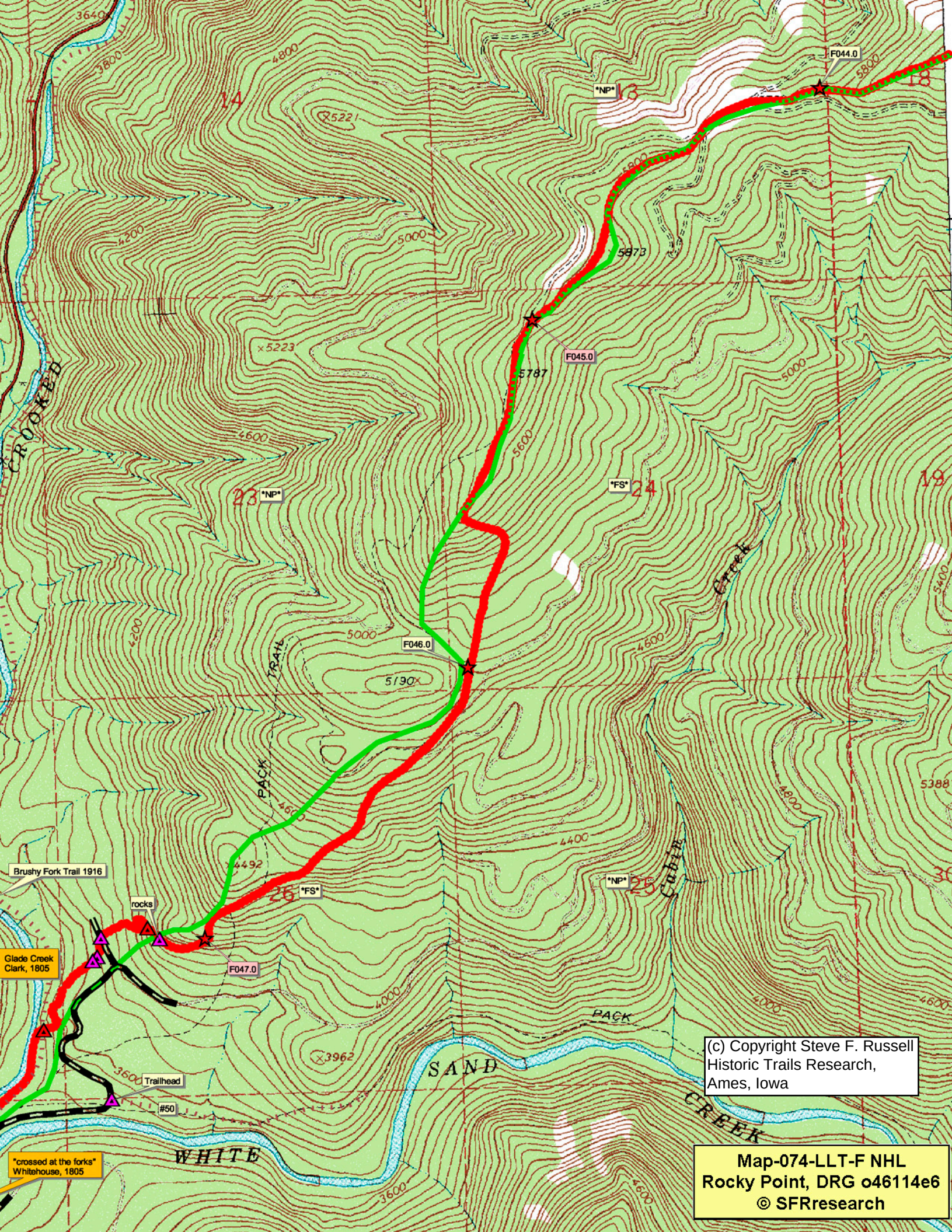
F044.0
NP
F045.0
FS
F046.0
NP
FS
F047.0
Brushy Fork Trail 1916
rocks
Glade Creek
Clark, 1805
Trailhead
#50
"crossed at the forks"
Whitehouse, 1805
CROOKED
PACK TRAIL
Cobbler Creek
PACK
SAND
CREEK
WHITE
5873
5787
5190
4492
3962
5223
5221
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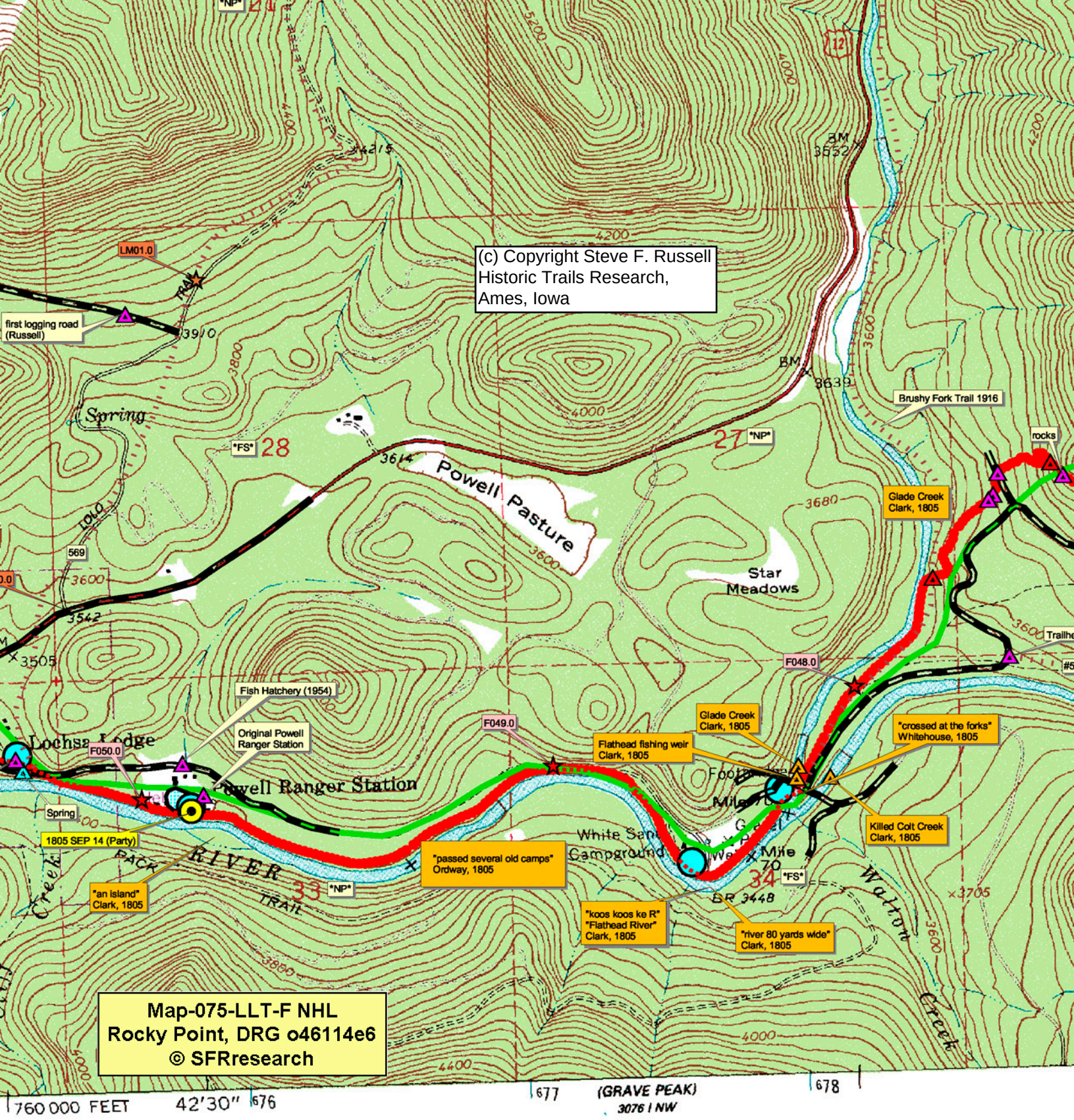


SCALE 1:24 000

1 0 1/2 1

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 KILOMETER

1 .5 0

CONTOUR INTERVAL 40 FEET

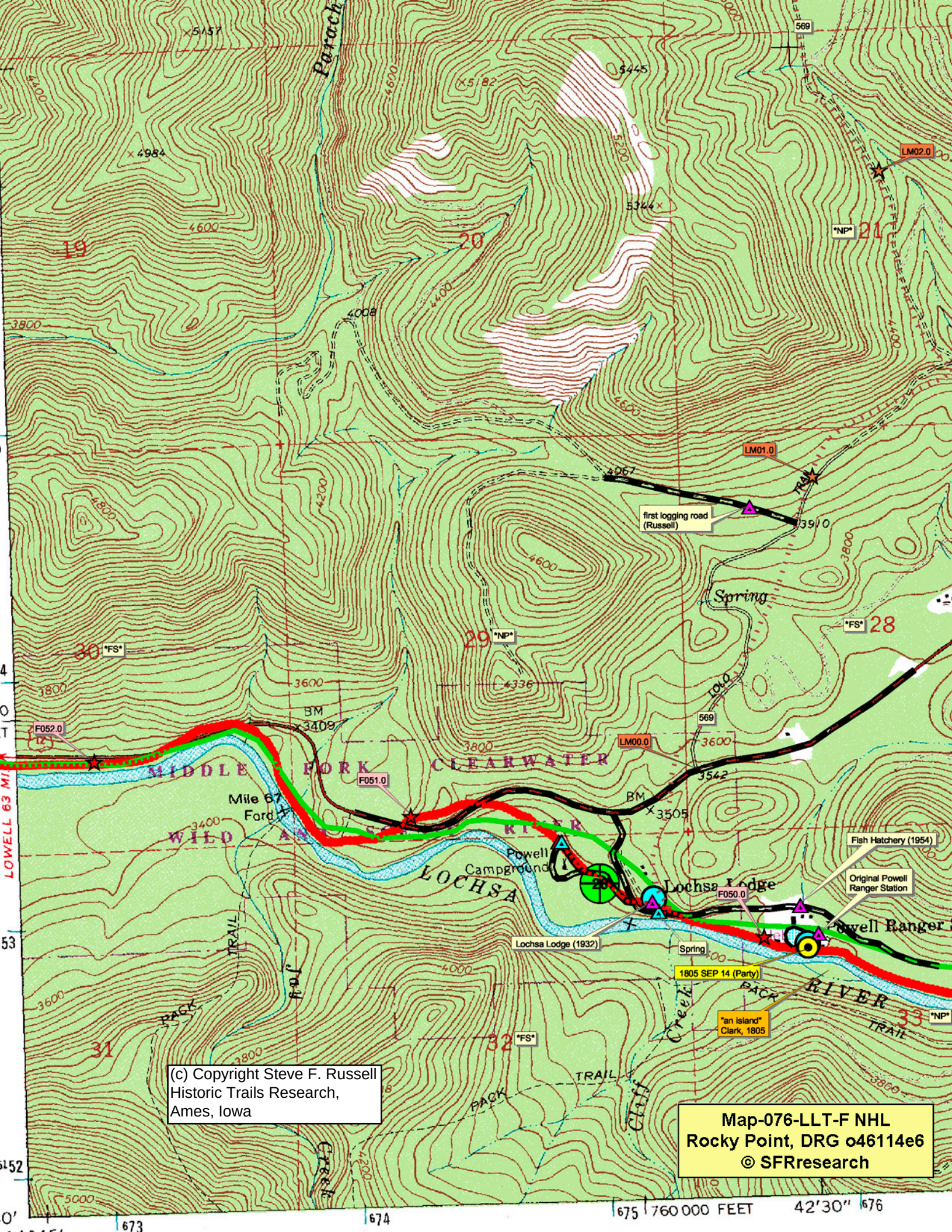
NATIONAL GEODETIC VERTICAL DATUM OF 1929

GN MN

18½°

329 MILS

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS



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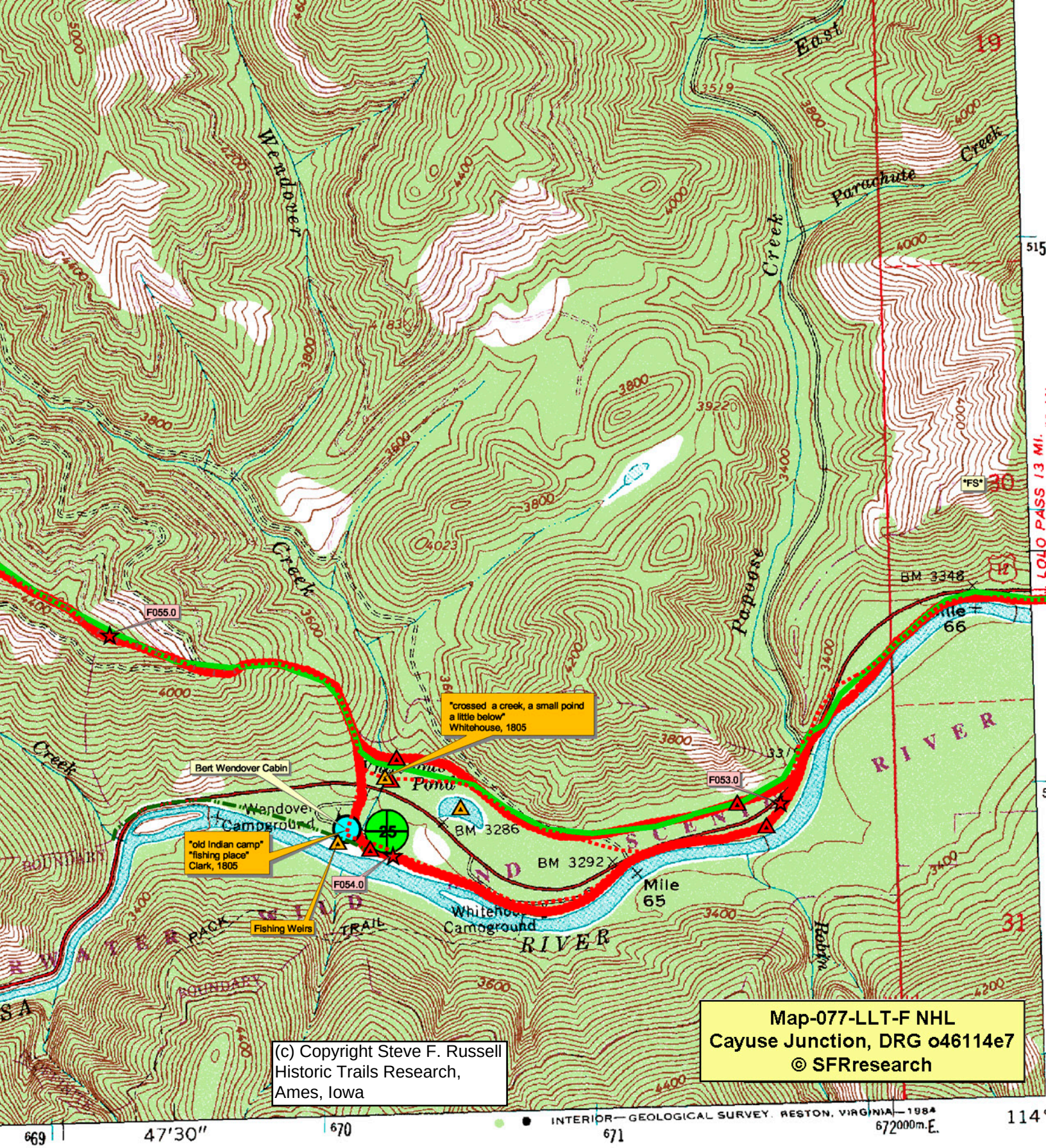
"crossed a creek, a small poind a little below" Whitehouse, 1805
Bert Wendover Cabin
"old Indian camp" "fishing place" Clark, 1805
Fishing Weirs
F055.0
F054.0
F053.0
Wendover Campground
Whitehouse Campground
Pond
BM 3286
BM 3292
BM 3348
Mile 65
Mile 66
Wendover Creek
Papoose Creek
Parachute Creek
East
Weitas Creek
RIVER
SCENIC
WILD
WATERTRAIL
BOUNDARY
LOLO PASS 13 MI.
FS
Map-077-LLT-F NHL
Cayuse Junction, DRG o46114e7
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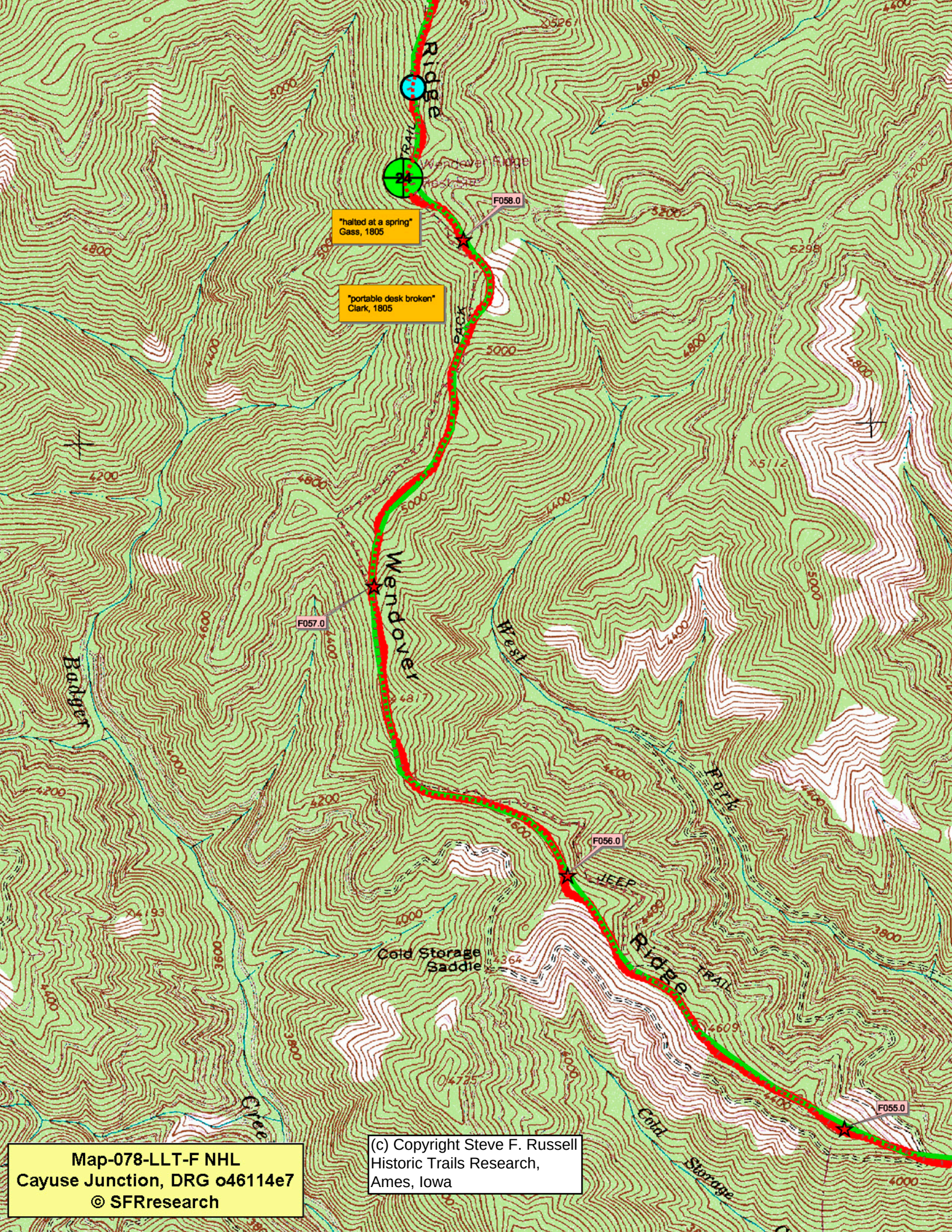
INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1984
47'30"
669
670
671
672000m.E.
1 MILE
7000 FEET
1 KILOMETER
ROAD CLASSIFICATION
Heavy-duty
Light-duty
Unimproved dirt
U. S. Route



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Cayuse Junction, DRG o46114e7
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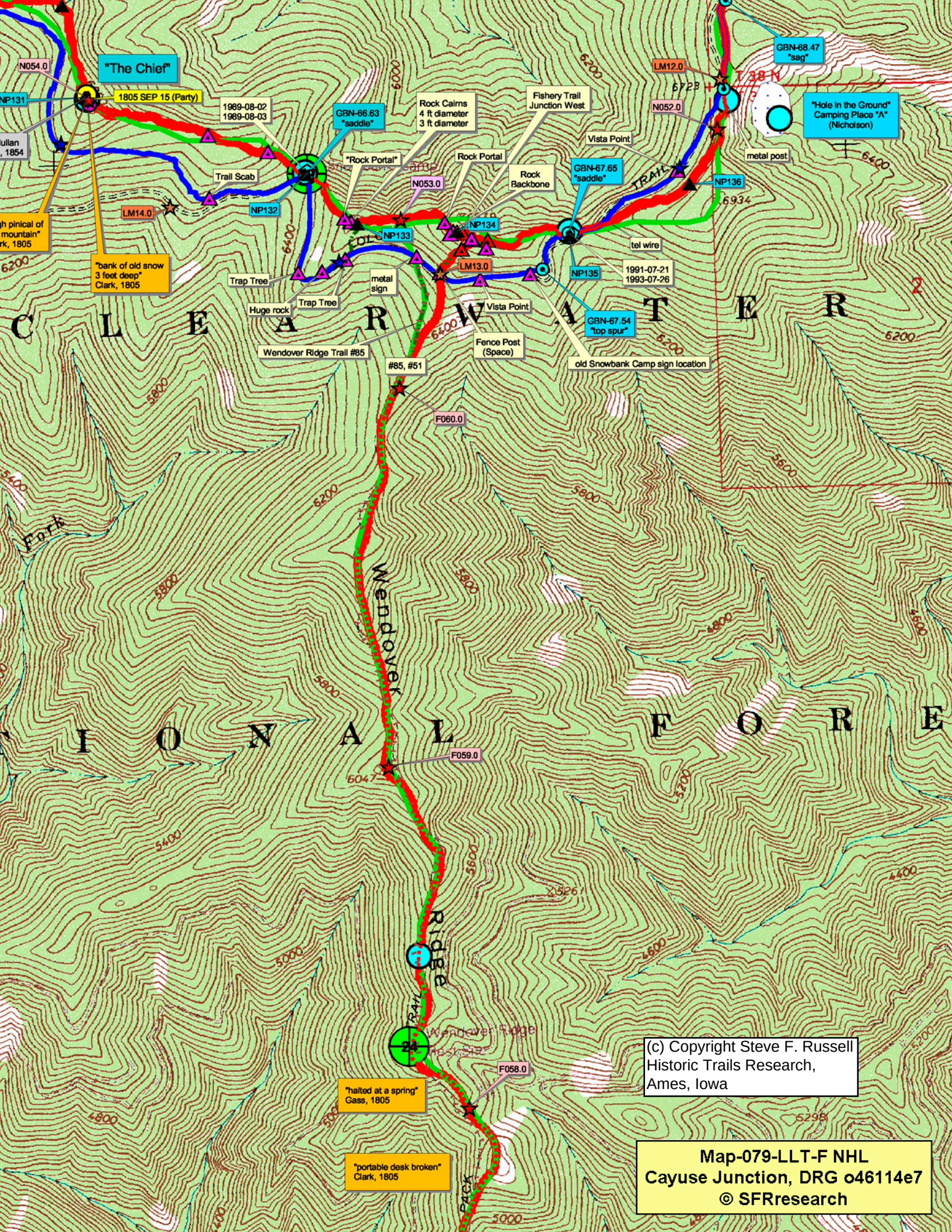
"The Chief"
N054.0
1805 SEP 15 (Party)
1989-08-02
1989-08-03
GBN-66.63
"saddle"
Rock Cairns
4 ft diameter
3 ft diameter
Fishery Trail
Junction West
"Rock Portal"
Rock Portal
Rock
Backbone
Trail Scab
N053.0
NP132
LM14.0
NP133
NP134
GBN-67.65
"saddle"
Vista Point
TRAIL
NP136
LM12.0
N052.0
GBN-68.47
"sag"
"Hole in the Ground"
Camping Place "A"
(Nicholson)
metal post
T 38 N
"bank of old snow
3 feet deep"
Clark, 1805
Trap Tree
Huge rock
Trap Tree
metal
sign
LM13.0
NP135
tel wire
1991-07-21
1993-07-26
Vista Point
GBN-67.54
"top spur"
Fence Post
(Space)
old Snowbank Camp sign location
Wendover Ridge Trail #85
#85, #51
F060.0
F059.0
F058.0
Wendover Ridge
Ridge
TRAIL
"halted at a spring"
Gass, 1805
"portable desk broken"
Clark, 1805
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Ames, Iowa
Map-079-LLT-F NHL
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